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THE FLORA

OF

REIGATE

J. A. BREWER

91/92 491



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Gift of  
C.J. Aeschlimann  
and Anne Adye

**BOD: M93.G04272**



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# A New Flora

OF THE NEIGHBOURHOOD OF

## REIGATE, SURREY,

CONTAINING

THE FLOWERING PLANTS AND FERNS OF THE DISTRICT, WITH  
THEIR LOCALITIES, TIMES OF FLOWERING, &c.  
AND A LIST OF THE MOSSES.

TO WHICH IS ADDED

### AN APPENDIX,

CONTAINING

LISTS OF THE FAUNA, IN THE FOLLOWING ORDERS —  
MAMMALIA OR QUADRUPEDS, BIRDS, REPTILES,  
FISHES, COLEOPTERA, AND LEPIDOPTERA.

BY

JAMES ALEXANDER BREWER, F.L.S.

CORRESPONDING MEMBER AND LOCAL SECRETARY OF THE  
BOTANICAL SOCIETY OF LONDON.

LONDON:

WILLIAM PAMPLIN, 45 FRITH STREET, SOHO.

1856.



**LONDON :**  
**Printed by G. BARCLAY, Castle St. Leicester Sq.**

TO  
THE REIGATE MECHANICS' INSTITUTION,

*This Little Work*

IS MOST RESPECTFULLY DEDICATED,

WITH THE EARNEST HOPE

THAT IT WILL BE OF ASSISTANCE TO ITS MEMBERS

IN THE STUDY OF NATURAL HISTORY,

BY

THE AUTHOR.



**"Consider the lilies of the field, how they grow; they toil not, neither do they spin: and yet I say unto you, that even Solomon in all his glory was not arrayed like one of these."—MATT. vi. 28, 29.**

## PREFACE.

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IN preparing the present work for the Press my principal object has been to promote the study of Natural History, especially of Botany, by giving the localities of all our known plants; thus enabling the botanical student to obtain those plants he is in search of, and which, without such assistance, he might spend many years without even knowing they were to be met with in this district. The localities given are the result of nearly twenty years' research: most of them have been verified by myself, but in some few instances, where I have not had the opportunity of visiting them, I have given the names of the discoverers as authorities, which I believe may be invariably relied on as correct. In reference to a few of our rarer plants, it will be observed I have gone beyond what may be strictly considered in the *immediate* neighbourhood of Reigate; but in those cases the rarity of

the species will, I think, be considered a sufficient recompense for a rather longer ramble than usual.

It has been suggested by some, whether the publication of Local Floras does not have a tendency to destroy the localities of some of our rarer species. I fear this has been the case in some few instances where botanists have not been sufficiently careful, but have greedily taken every specimen they could see. I wish, therefore, particularly to call the attention of my botanical friends to this subject, with the earnest hope that when they meet with a rare plant, they will deal tenderly with it, and not take more than they actually require; remembering that there are others who are also as fond of flowers as themselves, and to whom it would be as great a treat to see them in their native habitats.

I have adopted the Linnean arrangement in preference to the Natural System, as being, though not the more scientific, yet decidedly the more simple. Indeed, I consider the Natural System to be much too complicated for the beginner to master without assistance, and as my object has been to promote the study of Botany with those who have not hitherto commenced it, I hope my scientific friends (by some of whom I have been blamed for adopting this arrangement) will pardon me for having arranged it in accordance with that system,

which I consider will best meet the wants of the young and inexperienced.

On commencing the Flora of this district, I did not intend giving more than the Flowering Plants and Ferns of this Neighbourhood, with their localities, times of flowering, &c.; but at the request of several friends, I have been induced to give a list of the Mosses that have been found here, for which I am indebted to Mr. William Hanson, Mr. Edward T. Bennett, and Mr. William Mitten. The lists of the Fauna of the Neighbourhood are partly from my own observations, and partly from information kindly given me by several friends, to whom I have alluded at the commencement of the Appendix. These will, I hope, be found useful to the Naturalist, in affording information as to the different species which have been found here.

Many, whose minds have never been opened to the beauties everywhere around them, who live in their own little world of petty cares and enjoyments, with no due appreciation of their Creator's works, may be inclined to question the use of studying Natural History. I would suggest to all such, that it is a pursuit pre-eminently calculated to improve and enlarge the mind, and is in itself a source of exquisite enjoyment. It raises the thoughts to Him who made all things beautiful, and thus necessarily diverts the mind from all that is low and

grovelling. To the young I would especially recommend it,—as a pleasing relaxation from severer studies or duties, and one tending greatly to give a pure high tone of feeling. They may be encouraged to pursue the study of Nature, by being reminded that many who have devoted themselves to it, are able to say that they can reckon among the happiest moments of their lives the time so occupied. One of our greatest philosophers has made the following beautiful and expressive remark—“Whatever it has been worth God’s while to create, it must be worth man’s while to study.”

H<sup>+</sup> many collection observed at Reigate

H<sup>+</sup> in my collection not observed at Reigate

## ERRATA.

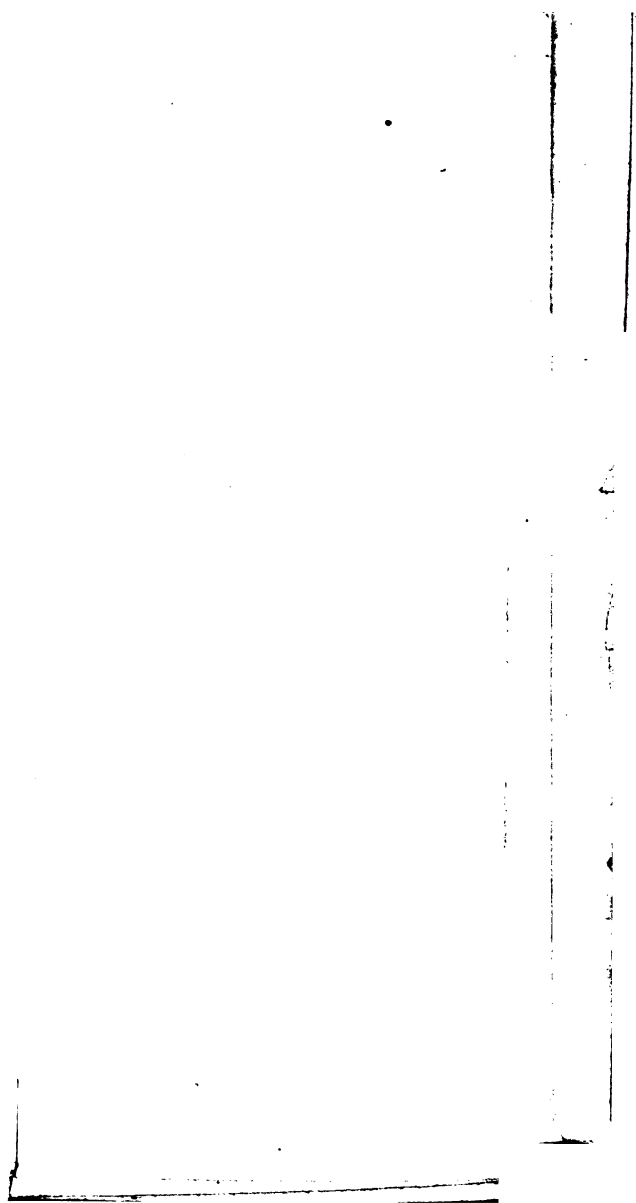
Page 21, line 22, *for* apetula, *read* apetala.

— 39, — 8 and 9, *for* Goat-weed, *read* Gout-weed.

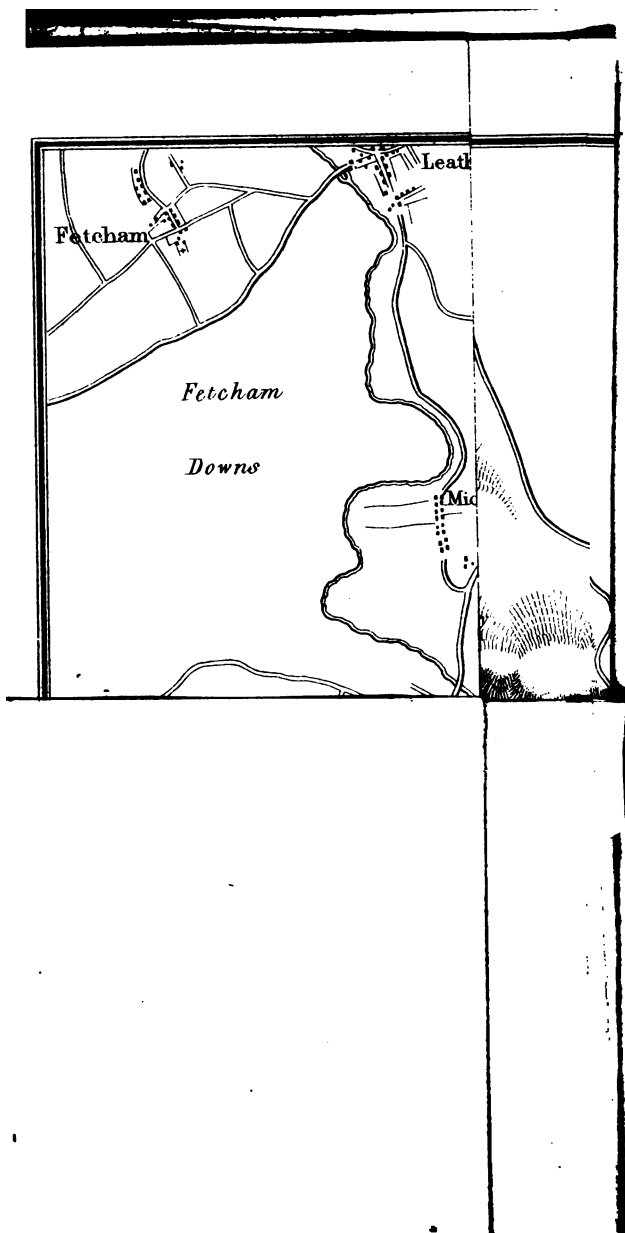
— 111, — 16, *for* sylvatica, *read* sylvaticum.

— 127, — 12, *for* verticillata, *read* verticillatum.









# A NEW FLORA,

&c. &c.

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## MONANDRIA—MONOGYNIA.

HIPPURIS. Mare's-tail. *Natural order* HALO-  
RAGACEÆ.

H. *vulgaris*, L. Common Mare's-tail. June, July.  
In profusion in a mill-pond near Leatherhead.

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## DIANDRIA—MONOGYNIA.

LIGUSTRUM. Privet. N. O. OLEACEÆ.

L. *vulgare*, L. Common Privet. June, July.  
Reigate and Buckland Hills.

FRAXINUS. Ash. N. O. OLEACEÆ.

F. *excelsior*, L. Common Ash. April, May.  
Common in woods and hedges.

CIRCÆA. Enchanter's Nightshade. N. O. ONAGRARIÆ.

C. *Lutetiana*, L. Common Enchanter's Nightshade. June, July.

Woods and copses in shady situations. Named after Circe the Enchantress, and probably in the dark ages used in magical incantations.

VERONICA. Speedwell. N. O. SCROPHULARIÆ.

V. *serpyllifolia*, L. Thyme-leaved Speedwell. May—July.

Pastures and road-sides, abundant.

V. *Beccabunga*, L. Brooklime Speedwell. May—September.

Abundant in ditches, watery places and shallow streams.

V. *Anagallis*, L. Water Speedwell. July, August.

Watery places on the Wray Park Estate, at Frenches and elsewhere, but not common.

V. *scutellata*, L. Marsh Speedwell. July—September.

Watery places at Dover's Green, Earlswood Common, Reigate Heath, &c.

V. *officinalis*, L. Common Speedwell. May, June.

Frequent in dry situations, principally on sand.

V. *Chamædrys*, L. Germander Speedwell. May, June.

Woods, pastures, and hedge-banks, abundant. This elegant little flower only expands in fine weather. Phillips happily designates it "the celestial bird's-eye blossom."

*V. montana*, L. Mountain Speedwell. May, June.

Wood on the Wray Park Estate, Nutwood in Gatton Park, Chipstead, Nutfield, and elsewhere in moist woods.

*V. agrestis*, L. Green procumbent Speedwell.  
April—September.

Frequent in cultivated and waste ground; sometimes varying with white flowers.

*V. polita*, Fries. Grey procumbent Speedwell.  
April—September.

Much more common than the last; growing in similar situations. It is considered by many botanists to be merely a variety of *V. agrestis*.

*V. Buxbaumii*, Ten. Buxbaum's Speedwell. April  
—September.

Not unfrequent in cultivated fields and gardens. It is very singular that this plant, with its large corolla, almost rivaling in size and beauty that of *V. Chamædrys*, and which was not known in this country until within the last few years, should now be so generally distributed. I shall not soon forget the pleasure I experienced on finding a plant of it in my garden. I did not allow it to be disturbed, and it is now one of the commonest weeds there.

*V. arvensis*, L. Wall Speedwell. April—August.  
Fields and old walls, very common.

*V. hederifolia*, L. Ivy-leaved Speedwell. March  
—August.

Fields and hedge-banks, common.

LEMNA. Duckweed. N. O. PISTIACEÆ.

*L. trisulca*, L. Ivy-leaved Duckweed. June,  
July.

In the Castle Moat and Priory Ponds.

*L. minor*, L. Lesser Duckweed. June, July.

Frequent in ditches and stagnant ponds.

*L. gibba*, L. Gibbous Duckweed. June—September.

In the Priory Ponds; in the Mole, at Brockham Court; and in ponds about Betchworth and Dorking.

*L. polyrrhiza*, L. Greater Duckweed. May—September.

Abundant in the Priory Ponds, in the quiet parts of streams about Littleton, and in ponds about Betchworth, and Dorking.

LYCOPUS. Gipsy-wort. N. O. LABIATÆ.

*L. Europæus*, L. Common Gipsy-wort. June—<sup>H<sup>1</sup></sup> August.

Banks of the Castle Moat, banks of the Mole, and watery places generally. Threlkeld quaintly tells us, "Those strolling cheats, called gipsies, do dye themselves of a blackish hue with the juice of this plant, the better to pass for Africans, by their tanned looks and swarthy hides."

SALVIA. Sage or Clary. N. O. LABIATÆ.

*S. Verbenaca*, L. Wild English Clary. June—<sup>H<sup>2</sup></sup> October.

In the Castle Court, and on the south side of the Castle mound.

DIANDRIA—DIGYNIA.

ANTHOXANTHUM. Vernal-grass. N. O. GRAMINEÆ.

*A. odoratum*, L. Sweet-scented Vernal-grass. May, June.

Meadows and pastures, common. This is one of our earliest grasses, and principally occasions the delightful smell of new-mown hay.

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### TRIANDRIA—MONOGYNIA.

VALERIANA. Valerian. N. O. VALERIANACEÆ.

*V. dioica*, L. Small Marsh Valerian. June.

Abundant in most of the boggy meadows adjoining Reigate Heath, Littleton, &c.

*V. officinalis*, L. Great wild Valerian. June, July.

In woods and copses on a boggy soil ; Littleton, West of Reigate Heath, near the Railway Station at Red-hill, &c.

FEDIA. Corn-salad. N. O. VALERIANACEÆ.

*F. olitoria*, Vahl. Common Corn-salad. April—June.

Banks and corn-fields, common, especially on a light sandy soil.

*F. dentata*, Vahl. Smooth narrow-fruited Corn-salad. June—August.

Banks and corn-fields, common.

IRIS. Iris or Flag. N. O. IRIDACEÆ.

*I. Pseud-acorus*, L. Yellow Water Flag. July, August.

Banks of ponds and streams ; abundant in a wet meadow west of Reigate Heath.

“ Amid its waving swords, in flaming gold the Iris towers.”

*I. fœtidissima*, L. Stinking Iris. June, July. H†

I have met with this plant in some plenty in copses, right-hand of the lane leading from Reigate Heath to Buckland Hill.

SCIRPUS. Club-rush and Bull-rush. N. O.  
CYPERACEÆ.

*S. lacustris*, L. Bull-rush. July.

Ponds at Frenches, Gatton Pond, in the Mole at Sidlow Bridge, and elsewhere.

*S. glaucus*, Sm. Glaucous Bull-rush. July, August.

Abundant in Gatton Pond. This may be readily distinguished from the preceding by its glaucous colour, smaller size, and by the panicle not being longer than the bractea.

*S. sylvaticus*, L. Wood Club-rush. July, August.

Plentiful by the sides of streams, and in boggy situations about Reigate Heath, the Moors, Flanchford, Sidlow Bridge, &c.

*S. cæspitosus*, L. Scaly-stalked Club-rush. July, August.

Reigate Heath, and Leith Hill.

ELEOCHARIS. Spike-rush. N. O. CYPERACEÆ.

*E. palustris*, Br. Creeping Spike-rush. June, July.

Reigate Heath, Earlswood Common, and watery places generally.

*E. multicaulis*, Sm. Many-stalked Spike-rush. July, August.

Boggy situations on Reigate Heath and Earlswood Common.

- E. acicularis*, Roem. Least Spike-rush. July, August.

Sides of New Pond, on Earlswood Common, where the water has overflowed during winter; and by the pond on Shelwood Common, Leigh; Mr. Edward T. Bennett.

ISOLEPIS. Mud-rush. N. O. CYPERACEÆ.

- I. fluitans*, Br. Floating Mud-rush. June, July.

Pools on Earlswood Common. Mr. William Hanson.

- I. setacea*, Br. Bristle-stalked Mud-rush. July, August.

Moist places on Reigate Heath, Red-hill, and Earlswood Common.

ERIOPHORUM. Cotton-grass. N. O. CYPERACEÆ.

- E. vaginatum*, L. Hare's-tail Cotton-grass. March—May.

Abundant in a swampy situation at the foot of Leith Hill.

- E. polystachyon*, Sm. Broad-leaved Cotton-grass. May, June.

Boggy meadows west of Reigate Heath.

- E. angustifolium*, Roth. Narrow-leaved Cotton-grass. April—June.

Plentiful in the boggy parts of Reigate Heath and Leith Hill.

NARDUS. Mat-grass. N. O. GRAMINEÆ.

- N. stricta*, L. Common Mat-grass. June—August.

Abundant on Reigate Heath.



## TRIANDRIA—DIGYNIA.

*The whole of the plants in this Order belong to the Natural Order, GRAMINEÆ.*

## PHALARIS. Canary-grass.

- . *P. Canariensis*, L. Common Canary-grass. June—August.

Occasionally found on dung-hills and waste ground. The seed is a well-known food for the Canary-bird.

- P. arundinacea*, L. Reed Canary-grass. July, August.

Frequent by ditches and slow streams; plentiful on the banks of the Mole, in various parts.

## LEERSIA. Cut-grass.

- L. oryzoides*, Sw. European Cut-grass. August—October.

This rare grass was discovered, a few years since, by Mr. Alfred W. Bennett, in the river Mole, close by Brockham bridge, where it is growing in abundance; since which it has been found in several other spots in the Mole, both above and below this locality.

## PHLEUM. Cat's-tail-grass.

- P. pratense*, L. Common Cat's-tail-grass, June—October.

Meadows and pastures, very common.

## ALOPECURUS. Fox-tail-grass.

- A. pratensis*, L. Meadow Fox-tail-grass. June—October.

Meadows and pastures, common.

*A. agrestis*, Sm. Slender Fox-tail-grass. June, July.

Frequent in corn-fields.

*A. geniculatus*, L. Floating Fox-tail-grass. July, August.

Ponds and ditches, frequent.

*A. fulvus*, Sm. Orange-spiked Fox-tail-grass. July, August.

In a pond, called the Little Moat ; in the Castle Field.

### MILIUM. Millet-grass.

*M. effusum*, L. Spreading Millet-grass. June, July.

Abundant in many of our moist shady woods, especially about Wray Common, Colley Woods, and near Rice Bridge. Birds are remarkably fond of the seeds ; so much so, that sowing this grass in game covers would materially save the corn from their depredations.

### AGROSTIS. Bent-grass.

*A. canina*, L. Brown Bent-grass. June, July.

Reigate Heath, Red-hill, &c., common.

*A. vulgaris*, With. Fine Bent-grass. June, July.

Meadows, pastures, &c., very common.

*A. alba*, L. Marsh Bent-grass. July, August.

Moist meadows and pastures.

### AIRA. Hair-grass.

*A. cæspitosa*, L. Tufted Hair-grass. June—August.

Abundant in copses, &c., above Reigate Hill, on Kingswood Farm, and elsewhere.

*A. flexuosa*, L. Waved Hair-grass. July.

Reigate Hill, lane east end of the Park Hill, Redstone Hill, Reigate Heath, &c.

*A. caryophyllea*, L. Silvery Hair-grass. June, July.

Reigate and Buckland Hills.

*A. præcox*, L. Early Hair-grass. May, June.

Reigate Heath, and Red-hill.

HOLCUS. Soft-grass.

*H. lanatus*, L. Meadow Soft-grass. June, July.

Meadows and pastures, frequent.

*H. mollis*, L. Creeping Soft-grass. July, August.

Pastures and hedge-banks, common.

ARRHENATHERUM. Oat-like grass.

*A. avenaceum*, Beauv. Common Oat-like grass.

June, July.

Meadows and pastures, frequent.

KOELERIA. Koeleria.

*K. cristata*, Pers. Crested Koeleria. June, July.

Plentiful on Reigate Hill.

MELICA. Melic-grass.

*M. uniflora*, L. Wood Melic-grass. May, June.

Shady banks; abundant on the banks of the lanes adjoining the Park Hill, and elsewhere in similar situations.

MOLINIA. *Molinia*.

- M. cærulea*, Mönch. Purple *Molinia*. July, August.

Abundant on the boggy parts of Reigate Heath; also at Leith Hill, and in Tilgate Forest.

## POA. Meadow-grass.

- P. aquatica*, L. Reed Meadow-grass. July, August.

Swampy situations by the river Mole, in several places.

- P. fluitans*, Scop. Floating Meadow-grass. July, August.

Ditches and ponds, very common.

- P. rigida*, L. Hard Meadow-grass. June.

On old walls, and sandy places, frequent.

- P. compressa*, L. Flat-stemmed Meadow-grass. July, August.

Occasionally on old walls, and dry banks; at the foot of Great Doods wall, by the road to Red-hill.

- P. trivialis*, L. Roughish Meadow-grass. June, July.

Abundant in meadows and pastures.

- P. pratensis*, L. Smooth-stalked Meadow-grass. June, July.

Equally common, and in similar situations with the last.

- P. annua*, L. Annual Meadow-grass. March—November.

Waste and cultivated ground everywhere.

- P. nemoralis*, L. Wood Meadow-grass. June.

Woods and thickets, not uncommon.

## TRIODIA. Heath-grass.

- T. *decumbens*, Beauv. Decumbent Heath-grass.  
July.  
Plentiful on Red-hill.

## BRIZA. Quaking-grass.

- B. *media*, L. Common Quaking-grass. May, June. 4  
Very common in dry meadows and pastures.

## DACTYLIS. Cock's-foot-grass.

- D. *glomerata*, L. Rough Cock's-foot-grass. July.  
Meadows and pastures in abundance.

## CYNOSURUS. Dog's-tail-grass.

- C. *cristatus*, L. Crested Dog's-tail-grass. July.  
Meadows and pastures, abundant.

## FESTUCA. Fescue-grass.

- F. *ovina*, L. Sheep's Fescue-grass. June, July.  
Dry pastures, plentiful on Red-hill.
- F. *duriuscula*, L. Hard Fescue-grass. June,  
July.  
Pastures and waste ground.
- F. *bromoides*, L. Barren Fescue-grass. June,  
July.  
Walls and sandy ground, frequent on Red-hill.
- F. *pseudo-myurus*, Koch. Wall Fescue-grass.  
June.  
Sparingly on the dry sandy parts of Red-hill.

- F. gigantea*, Vill. Tall Fescue-grass. July, August.

Hedges and thickets on Reigate Hill.

- F. pratensis*, Huds. Meadow Fescue-grass. June, July.

Moist meadows and pastures, frequent.

- F. loliacea*, Huds. Spiked Fescue-grass. June, July.

Moist meadows by the river Mole, near Flanchford; probably a variety of the preceding.

- F. elatior*, L. Reedy Fescue-grass. June, July.

Banks of the Mole in several places.

BRACHYPODIUM. False Brome-grass.

- B. sylvaticum*, Beauv. Slender False Brome-grass. July.

Very common all along the foot of the chalk range.

- B. pinnatum*, Beauv. Heath False Brome-grass. July.

Plentiful on Reigate and Buckland Hills, and elsewhere on the chalk.

BROMUS. Brome-grass.

- B. secalinus*, L. Smooth Rye Brome-grass. July, August.

Occasionally in corn-fields on the hills east of Merstham.

- B. mollis*, L. Soft Brome-grass. June.

Fields and waste ground, very abundant.

- B. erectus*, Huds. Upright Brome-grass. July.

Fields and road-sides.

- B. asper*, L. Rough Brome-grass. July.  
Moist woods and hedges, plentiful.
- B. sterilis*, L. Barren Brome-grass. June, July.  
Waste ground, fields, and hedges, common.

### AVENA. Oat or Oat-grass.

- A. pratensis*, L. Narrow-leaved Oat-grass. July.  
Plentiful on Reigate and Buckland Hills.
- A. pubescens*, L. Downy Oat-grass. June, July.  
In abundance along the foot of Reigate and Buckland Hills.
- A. flavescens*, L. Yellow Oat-grass. July.  
Reigate and Buckland Hills.

### ARUNDO. Reed.

- A. Phragmites*, L. Common Reed. July, August.  
In a little pool left hand of the lane leading from Reigate Heath to Buckland Hill, and banks of the Mole in various places.

### LOLIUM. Darnel.

- L. perenne*, L. Perennial Darnel or Rye-grass.  
June.  
Meadows and pastures, very common.
- L. temulentum*, L. Bearded Darnel. July.  
This grass is very uncertain in its appearance; I have met with it occasionally in light sandy corn-fields near Red-hill.
- L. temulentum*  $\beta$  (*L. arvense*, With.) Short-awned Darnel. July.  
A variety of the preceding, and may generally be found with it.

## HORDEUM. Barley.

*H. murinum*, L. Wall Barley. June, July.

Abundant in meadows and waste ground.

*H. pratense*, Huds. Meadow Barley. June.

Abundant in meadows below the chalk hills.

## TRITICUM. Wheat-grass.

*T. repens*, L. Creeping Wheat-grass or Couch-grass. June—September.

Abundant in cultivated ground.

*T. caninum*, Huds. Fibrous-rooted Wheat-grass. July.

Hedges below Buckland and Betchworth Hills.

## TRIANDRIA—TRIGYNIA.

MONTIA. Blinks. N. O. PORTULACÆÆ.

*M. fontana*, L. Water Blinks. April—August. H

Frequent in ditches and watery places on Reigate Heath.

## TETRANDRIA—MONOGYNIA.

DIPSACUS. Teasel. N. O. DIPSACACEÆ.

*D. sylvestris*, L. Wild Teasel. July—September.

Road-sides and hedges, frequent; especially in moist situations.

*D. pilosus*, L. Small Teasel. August, September.

Norbury Park near Mickleham, and by the river Mole, about half-way between Mickleham and Leatherhead; near the ruins of Betchworth Castle; Mr. William Bennett.



SCABIOSA. Scabious. N. O. DIPSACACEÆ.

*S. succisa*, L. Devil's-bit Scabious. August—<sup>H</sup>  
October.

Common in wet meadows and pastures.

*S. columbaria*, L. Small Scabious. July, August.  
Abundant on Reigate and Buckland Hills.

KNAUTIA. Knautia. N. O. DIPSACACEÆ.

*K. arvensis*, Coult. Field Knautia. June—August. <sup>H</sup>  
Pastures and corn-fields, frequent.

SHERARDIA. Field Madder. N. O. RUBIACEÆ.

*S. arvensis*, L. Little Field Madder. May—<sup>H</sup>  
August.

Corn-fields, especially on a gravelly or chalky soil; very  
abundant on Reigate and Buckland Hills.

ASPERULA. Woodruff. N. O. RUBIACEÆ.

*A. odorata*, L. Sweet Woodruff. May, June. <sup>L</sup>

Abundant in woods on Reigate and Buckland Hills, Colley  
Woods, Nutwood in Gatton Park, woods about Nutfield, &c.  
The whole plant very fragrant, especially when drying, and  
it retains its fragrance for several months; it is frequently  
used to perfume drawers, &c., where clothing is kept; the  
scent from it will keep away the moth, and other insects.

*A. Cynanchica*, L. Small Woodruff, or Quinsy-<sup>H</sup>  
wort. June, July.

Abundant on Reigate and Buckland Hills. The English  
name, *Quinsy-wort*, is derived from its supposed efficacy in  
curing that disease.

## GALIUM. Bedstraw. N. O. RUBIACEÆ.

*G. verum*, L. Yellow Bedstraw. July, August. 14

Dry banks and shady places, frequent. The roots dye a very fine red, not inferior to Madder.

*G. cruciatum*, L. Cross-wort Bedstraw. May, 14  
June.

Plentiful in bushy places on Reigate and Buckland Hills.

*G. palustre*, L. Water Bedstraw. June, July. 14

Watery places, sides of ponds and ditches, common.

*G. palustre*  $\beta$ , L. (*G. Witheringii*, Eng. Bot.)

Rough Heath Bedstraw. June, July.

Banks of the river Mole, near Brockham.

*G. uliginosum*, L. Rough Marsh Bedstraw. June,  
July.

Frequent in ditches and wet situations on Reigate Heath.

*G. saxatile*, L. Smooth Heath Bedstraw. June 14

—August.

Abundant on Reigate Heath, Red-hill, &c.

*G. erectum*, Huds. Upright Bedstraw. June,  
July.

Reigate and Buckland Hills.

*G. Mollugo*, L. Great Hedge Bedstraw. July, 14  
August.

Hedges and thickets, very common.

*G. tricornis*, With. Rough-fruited Bedstraw. July,  
August.

Plentiful in fallow fields on the top of Buckland Hill, and occasionally at the foot of the Hill. Corn-fields near Brockham.

*G. Aparine*, L. Goose-grass or Cleavers. May—August.

Hedge-banks, &c. abundant.

EXACUM. Gentianella. N. O. GENTIANACEÆ.

*E. filiforme*, Sm. Least Gentianella. July—October.

The locality of this graceful little plant was first pointed out to me by the Rev. C. T. Smith, of Reigate, who very kindly accompanied me to the spot, where we found it in abundance by the sides of the road crossing a swamp, between Peas-Pottage Gate and Starve-Mouse Plain, on Tilgate Forest; it is also tolerably plentiful on the banks of a pool about half-a-mile to the north of that station.

PLANTAGO. Plantain. N. O. PLANTAGINÆÆ.

*P. major*, L. Greater Plantain. May—September. Meadows, pastures, and road-sides, abundant.

*P. media*, L. Hoary Plantain. June—August. Meadows and pastures, especially in chalky situations; abundant on Reigate Hill.

*P. lanceolata*, L. Ribwort Plantain. June, July. Meadows and pastures, common.

*P. Coronopus*, L. Buck's-horn Plantain. May—August. Common on Reigate Heath, Red-hill, Earlswood Common, &c.

CENTUNCULUS. Chaff-weed. N. O. PRIMULACEÆ.

*C. minimus*, L. Small Chaff-weed. July—September.

Not uncommon on the wet parts of Reigate Heath, but from its very small size, and growing among other plants, it is rather difficult to find.

CORNUS. Cornel. N. O. CORNACEÆ.

*C. sanguinea*, L. Wild Cornel or Dog-wood. June.<sup>1</sup>  
Hedges and thickets, frequent.

PARIETARIA. Wall-pellitory. N. O. URTI-  
CACEÆ.

*P. officinalis*, L. Common Wall-pellitory. May—<sup>1</sup>  
August.

On old walls, on the wall of the Churchyard by the steps.

ALCHEMILLA. Lady's-Mantle. N. O. ROSACEÆ.

*A. vulgaris*, L. Common Lady's Mantle. June—<sup>1</sup>  
September.

Damp meadows on the banks of the Mole and in other places in the neighbourhood of Dorking.

*A. arvensis*, Sm. Field Lady's-Mantle. May—<sup>1</sup>  
August.

Generally distributed on dry sandy ground, and on walls; plentiful on Reigate Heath.

TETRANDRIA—TETRAGYNIA.

ILEX. Holly. N. O. AQUIFOLIACEÆ.

*I. aquifolium*, L. Common Holly. May, June. <sup>1</sup>  
Frequent in hedges about Reigate.

"O reader! hast thou ever stood to see  
The *Holly* tree?  
The eye that contemplates it well perceives  
Its glossy leaves,  
Ordered by an Intelligence so wise,  
As might confound the atheist's sophistries.

“ Below a circling fence, its leaves are seen  
 Wrinkled and keen ;  
 No grazing cattle, through their prickly round,  
 Can reach to wound ;  
 But as they grow where nothing is to fear,  
 Smooth and unarmed the pointless leaves appear.

“ Thus if my youth, (as youth is apt, I know,)  
 Some harshness show ;  
 All vain asperities, I day by day  
 Would wear away ;  
 Till the smooth temper of my age should be  
 Like the high leaves upon the *Holly* tree.”—*Southey*.

POTAMOGETON. Pond-weed. N. O. NAIAD-  
 ACEÆ.

*P. natans*, L. Broad-leaved Pond-weed. June, and  
 July.

In the Castle Moat, and in ponds generally.

*P. perfoliatus*, L. Perfoliate Pond-weed. July,  
 August.

In the river Mole between Sidlow Bridge and Flanchford,  
 Mr. William Hanson ; and in the Mole at Brockham, Mr.  
 Edward T. Bennett.

*P. densus*, L. Close-leaved Pond-weed. June.  
 Plentiful in Gatton Pond.

*P. oblongus*, Viv. Oblong-leaved Pond-weed. July.  
 Plentiful in the bogs at Reigate Heath.

*P. lucens*, L. Shining Pond-weed. June, July.  
 In the river Mole, Mr. William Hanson. I do not know  
 the precise locality, but think it must be near Leatherhead.

*P. crispus*, L. Curled Pond-weed. June, July.  
 Castle Moat, Gatton Pond, Ponds on Earlswood Common,  
 and elsewhere.

*P. gramineus*, L. Grassy Pond-weed. July.

New Pond, on Earlswood Common.

*P. pusillus*, L. Small Pond-weed. July.

In ponds below Reigate Hill.

*P. compressus*, L. Flat-stalked Pond-weed. June, July.

This plant was abundant in a pond that is now drained on the Wray Park Estate, and consequently it has disappeared: it is not at all unlikely it may occur in other ponds in the neighbourhood. On first finding it I supposed it to be an unusually large form of *P. pusillus*, but on showing it to my friend Mr. Syme, the indefatigable Curator of the Botanical Society of London, he at once pronounced it to be *P. compressus*.

*P. pectinatus*, L. Fennel-leaved Pond-weed. July.

Ponds on the Wray Park Estate.

SAGINA. Pearl-wort. N. O. ALSINÆÆ.

*S. procumbens*, L. Procumbent Pearl-wort. May  
—August.

Waste ground in sandy situations, abundant on Reigate Heath.

*S. apetula*, L. Small-flowered Pearl-wort. May  
—July.

Frequent in dry sandy situations, and on walls, Reigate Heath, &c.

MÖENCHIA. Möenchia. N. O. ALSINÆÆ.

*M. erecta*, Sm. Upright Möenchia. May, June.

Not uncommon on Reigate Heath, and Earlswood Common.

## RADIOLA. Flax-seed. N. O. LINACEÆ.

*R. millegrana*, Sm. Thyme-leaved Flax-seed. H  
 July—September.

This beautiful little plant varying from one to two inches in height, is abundant on the wet sandy parts of Reigate Heath, also in Tilgate Forest, and at the foot of Leith Hill.

## PENTANDRIA—MONOGYNIA.

ECHIUM. Viper's Bugloss. N. O. BORAGINEÆ.

*E. vulgare*, L. Common Viper's Bugloss. June, H  
 July.

Abundant on Reigate and Buckland Hills, and elsewhere on the chalk.

LITHOSPERMUM. Gromwell. N. O. BORAGINEÆ.

*L. officinale*, L. Common Gromwell. June.

Copse on the Wray Park Estate, Chalk hills near Bletchingley, and bushy places about Mickleham.

*L. arvense*, L. Corn Gromwell. May, June. H

Frequent in corn-fields, especially on a chalky soil.

SYMPHYTUM. Comfrey. N. O. BORAGINEÆ.

*S. officinale*, L. Common Comfrey. May, June. H

Banks of streams, and watery places, frequent in ditches in the Moors.

BORAGO. Borage. N. O. BORAGINEÆ.

*B. officinalis*, L. Common Borage. June, July.

Occasionally on waste ground, and rubbish heaps; doubt-

less an outcast from gardens. A plant that should be cultivated by all who keep bees; the quantity of honey they extract from it is very great.

LYCOPSIS. Bugloss. N. O. BORAGINÆ.

*L. arvensis*, L. Small Bugloss. June, July. 14

Corn-fields and hedge-banks; abundant in sandy situations.

ANCHUSA. Alkanet. N. O. BORAGINÆ.

*A. sempervirens*, L. Evergreen Alkanet. May, June.

Hedge-banks on Wiggey Farm. It formerly grew in the North-east corner of Reigate churchyard, and also on the bank at the bottom of Great Doods' wall, opposite the road leading to the Church, but I fear it is quite exterminated in these two stations, as I have not been able to meet with it there within the last four or five years.

MYOSOTIS. Scorpion-grass. N. O. BORAGINÆ.

*M. palustris*, Kip. Great Water Scorpion-grass, or Forget-me-not. May—August.

Frequent in wet ditches, and on the banks of ponds and streams.

"Thou sweet little flower, with the bright blue eye,  
That peepest from the bank so modestly,  
Thou art come from a source invisible,  
And thou hast some important words to tell.

"Thou art come as a gift from a friend sincere,  
Whose dwelling is fixed in the heavenly sphere,  
But whose spirit is with us in every spot,  
And the voice of whose works is—forget me not."—

From "*Gems of Sacred Poetry*."



The following is stated to be the origin of the English name of this beautiful little plant,—“Two lovers were loitering on the margin of a lake on a fine summer evening, when the maiden espied an attractive cluster of these floral gems growing close to the water on the bank of an island: she expressed a desire to possess them, when her knight plunged into the lake, and swimming to the spot, gathered the wished-for plant; but his strength proving unequal to the full accomplishment of his purpose, and feeling that he could not regain the shore, though very near to it, he threw the flower upon the bank, and casting an affectionate glance upon the object his soul held most dear, with the exclamation, ‘*Forget me not,*’ sank to rise no more.”

*M. repens*, Don. Creeping Water Scorpion-grass. H  
May—August.

Boggy spots on Leith Hill, frequent; Mr. Edward T. Bennett.

*M. cæspitosa*, Sch. Tufted Water Scorpion-grass.  
May, June.

Frequent in watery places.

*M. arvensis*, Hoff. Field Scorpion-grass. May—H  
August.

Common in cultivated ground, hedge-banks, &c.

*M. collina*, Hoff. Early Field Scorpion-grass. H  
April, May.

On sandy banks, wall tops, and other very dry places.

*M. versicolor*, Sch. Yellow and blue Scorpion-grass. H  
May, June.

Dry sandy fields, pastures, walls, moist meadows, &c.  
common.

CYNOGLOSSUM. Hound's-tongue. N. O.  
BORAGINÆÆ.

- C. officinale*, L. Common Hound's-tongue. June, July.

On sandy banks at Trumpet's Hill, by the sand-pit.

- C. sylvaticum*, Hænk. Green-leaved Hound's-tongue. June—August.

On a bank right-hand of the turnpike road leading from Mickleham to Leatherhead, about a quarter of a mile from Mickleham; also in Woods in Norbury Park, near Mickleham, in the greatest profusion.

# ANAGALLIS. Pimpernel. N. O. PRIMULACEÆ.

- A. arvensis*, L. Scarlet Pimpernel, or Poor Man's Weather-glass. June—September.

Corn-fields, common. It closes its flowers on the approach of rain, and from its susceptibility has been called the Shepherd's or Poor Man's Weather-glass.

"Closed is the pink-eyed *Pimpernel*:  
'Twill surely rain. I see, with sorrow,  
Our jaunt must be put off to-morrow."

- A. cærulea*, Schr. Blue Pimpernel. June—September.

Abundant in a field below the Hermitage, on the top of Buckland Hill, sparingly on the hills east of Merstham, and on High Trees' Farm. If this is only a variety of the former, as it is considered by many to be, it is at any rate a permanent variety. I have collected the seed in considerable quantities, and cultivated it on various soils, but have invariably found the plants raised from seed correspond in every respect with the parent plants.

- A. tenella*, L. Bog Pimpernel. July, August.

Plentiful about the bogs on Reigate Heath. This elegant little plant, which occasionally cheers the traveller in his

dreary course over the lone heath, furnishes us with the following beautiful reflection :

“ Oh, it is thus, when grief’s keen blast  
Has o’er the chastened spirit past,  
Till all the future lot seems traced  
On sorrow’s lone and dreary waste,  
She finds unthought-of sweets that bloom  
Amid the desert’s cheerless gloom.

“ These, lovelier than the fragile flowers  
That wave in Joy’s luxurious bowers,  
Sweet as the bud of Sharon’s rose,  
Amid the wild their leaves uncloze,  
And give to heaven’s pure gales alone  
Perfections to the world unknown.

“ And thus it is that heaven can bless  
The bleak and lowly wilderness;  
And thus in Sorrow’s lowly state,  
Where all seems drear and desolate,  
Adorns the thorny wastes of care,  
Amid neglect and ruin, fair.”—E.

#### LYSIMACHIA. Loosestrife. N. O. PRIMULACEÆ.

*L. vulgaris*, L. Great Yellow Loosestrife. July.

Frequent on the banks of the Mole, and in a hedge-row by the second stream beyond Reigate Heath, on the Dorking road.

*L. Nemorum*, L. Wood Loosestrife, or Yellow Pimpernel. May—August.

In woods and shady places, frequent; abundant in Colley woods.

*L. Nummularia*, L. Creeping Loosestrife. June, July.

Frequent on damp shady banks, woods and pastures.

PRIMULA. Primrose. N. O. PRIMULACEÆ.

*P. vulgaris*, Huds. Common Primrose. March—  
May.

Abundant in woods, hedge-banks, and pastures. I have occasionally found a variety with the blossoms of a red liver-colour. Silk-worms may be fed on the leaves both of this plant and the cowslip, of which they are very fond.

Few spots are more attractive amid the general revival of nature than,

“Where the hardy *Primrose* peeps  
From the dark dell’s entangled steep.”

“Oh, who can speak his joys when Spring’s young morn  
From wood and pasture opened on his view;  
When tender green buds blush upon the thorn,  
And the first *Primrose* dips its leaves in dew.”—*Clare*.

*P. elatior*, With. Oxlip Primrose. April, May.

Colley woods, wood on the Wray Park Estate, and elsewhere in woods and thickets; not common.

*P. veris*, L. Common Cowslip. April, May.

Meadows and pastures, abundant, especially on and below the chalk hills.

“Bowing adorers of the gale,  
Ye *Cowslips* delicately pale,  
Upraise your loaded stems,  
Unfold your cups in splendour; speak!  
Who decked you with that ruddy streak,  
And gilt your golden gems?”—*Clare*.

HOTTONIA. Water-Violet. N. O. PRIMULACEÆ.

*H. palustris*, L. Common Water-Violet. June.

This elegant and graceful plant was found by Mr. John Budgen in a pond and in ditches on Burstow Common.

MENYANTHES. Buckbean. N. O. GENTIANACEÆ.

*M. trifoliata*, L. Common Buckbean, or Marsh/Trefoil. June.

Abundant in the bogs on Rsgate Heath, and in a wet meadow, west-end of the Heath.

“Oft where the stream meandering glides,  
Our beauteous *Menyanthes* hides  
Her clustering, fringed flowers ;  
Nor mid the garden’s sheltering care,  
Of famed exotics rich and rare,  
Purple or roseate, brown or fair,  
A plant more lovely towers.”—S. H.

In a scarcity of Hops this plant is used in the north of Europe to bitter the ale : two ounces are said to be equal to a pound of Hops.

ERYTHRÆA. Centaury. N. O. GENTIANACEÆ.

*E. Centaurium*, Pers. Common Centaury. July, / August.

Pastures and bushy places, frequent, especially on the chalk and clay.

*E. pulchella*, Hook. Dwarf-branched Centaury. July—October.

Banks of ponds, near the Three Bridges railway station.

DATURA. Thorn-Apple. N. O. SOLANÆÆ.

*D. Stramonium*, L. Common Thorn-Apple. July, / August.

Occasionally on rubbish, &c., but always escaped from gardens. A valuable plant in cases of Asthma ; the following directions for its use are from the “Monthly Magazine,” vol.

xxix. p. 409. "It is the root only, and the lower part of the stem, which seem to possess the anti-asthmatic virtue; these should be cut into small pieces, and put into a common tobacco-pipe, and the smoke must be swallowed together with the saliva produced by the smoke; after which the sufferer will, in a few minutes, be relieved from all the convulsive heaving, and probably drop into a comfortable sleep, from which he will awake refreshed; and in general perfectly recovered. He must avoid drinking with his pipe, but will find a dish of coffee afterwards highly refreshing."

HYOSCYAMUS. Henbane. N. O. SOLANÆÆ.

H. *niger*, L. Common Henbane. July, August.

This plant is very uncertain in its appearance; I have sometimes met with it in abundance on Red-hill Common, near the tan-yard, and at other times not a plant is to be seen; I have also seen it on Reigate Heath, near the wind-mill, and by the sand-pit on Trumpet's Hill. The whole plant is highly narcotic; and well-authenticated instances of its fatal effects are recorded.

ATROPA. Dwale. N. O. SOLANÆÆ.

A. *Belladonna*, L. Common Dwale, or Deadly Nightshade. June, July.

In abundance at the foot of Betchworth Hill, near the chalk-pits; also at the foot of Box Hill, on the western side, Norbury Park, &c. The whole plant is poisonous, and instances have frequently occurred of children being tempted by the beautiful appearance of the berries, and falling victims to their fatal effects; the best remedy (if medical assistance cannot immediately be obtained) is a glass of warm vinegar, promptly administered, and exercise to prevent sleep.

SOLANUM. Nightshade. N. O. SOLANÆÆ.

S. *Dulcamara*, L. Woody Nightshade. June, July.

Hedges and thickets, common. The beautiful red berries are exceedingly poisonous.

*S. nigrum*, L. Garden Nightshade. June—<sup>H</sup>  
October.

Waste and cultivated ground, gardens, &c. abundant. The whole plant extremely poisonous.

VERBASCUM. Mullein. N. O. SOLANÆÆ.

*V. Thapsus*, L. Great Mullein. July, August. <sup>H</sup>  
Banks and waste ground, in a light sandy, gravelly, or chalky soil.

*V. Lychnitis*, L. White Mullein. July, August.  
Abundant on waste ground, hedge-banks, &c. at Smitham Bottom, between Merstham and Croydon.

*V. nigrum*, L. Dark Mullein. July, August.  
Frequent on banks and waste ground at the foot of Buckland and Betchworth Hills, and by the road-side between Reigate and Dorking.

*V. Blattaria*, L. Moth Mullein. July.  
A specimen was once brought to me by a lady, who had gathered it by the mill-pond near Ham farm, Nutfield.

CONVOLVULUS. Bindweed. N. O. CONVULVULACEÆ.

*C. arvensis*, L. Small Bind-weed. June, July. <sup>H</sup>  
Corn-fields, hedge-banks, &c. A very pretty and attractive plant, but a most troublesome weed to the agriculturist.

“We merry flowers are running,  
The meadow mazes through;  
And be farmers e'er so cunning,  
We're as cunning too.

Now up an ear of Barley  
 We nimbly twist and twirl,  
 To deck its brown stem early,  
 With a wreath of pink and pearl.  
 We climb the Poppy's hairy stalk,  
 And with wrath he grows more red  
 To see us weeds of the meadow walk,  
 Peer up above his head.  
 And many a time the farmer vows  
 He'll banish us his land ;  
 But we still run up the Hawthorn bough,  
 A merry and myriad band."—*Miss Twamley*.

*C. sepium*, L. Great Bindweed. July, August.

Moist hedges and thickets. Its large white flowers are an ornament to our hedges in the latter part of the summer, but the plant is very destructive to the shrubs on which it climbs, and is exceedingly difficult to extirpate.

VINCA. Periwinkle. N. O. APOCYNACEÆ.

*V. minor*, L. Lesser Periwinkle. April—June.

Plentiful on a bank in the lane east end of the Park Hill, and in profusion in a wood right-hand of the lane leading from the foot of Redstone Hill, to Mid Street, Nutfield.

*V. major*, L. Greater Periwinkle. May, June.

In the lane east end of the Park Hill, and on banks about Mickleham.

JASIONE. Sheep's-bit. N. O. CAMPANULACEÆ.

*J. montana*, L. Annual Sheep's-bit, or Sheep's Scabious. June, July.

Pastures on a light sandy soil, plentiful on the Park Hill.

PHYTEUMA. Rampion. N. O. CAMPANULACEÆ.

*P. orbiculare*, L. Round-headed Rampion. August.



Plentiful about the great chalk-pit near Dorking, and about Box Hill, on the west side, Mickleham Downs, &c.

CAMPANULA. Bell-flower. N. O. CAMPANULACEÆ.

*C. rotundifolia*, L. Round-leaved Bell-flower, or Harebell. July—September.

Dry pastures, banks, &c., plentiful. The whole plant slender and graceful.

“E’en the slight *Hare-bell* raised its head,  
Elastic from her airy tread.”

*C. latifolia*, L. Giant Bell-flower. July, August.  
In a copse on the High Trees farm.

*C. Trachelium*, L. Nettle-leaved Bell-flower. July, August.  
Frequent in woods and hedges.

*C. glomerata*, L. Clustered Bell-flower. July, August.  
Sparingly on Buckland Hill, frequent on the chalk about Dorking and Mickleham.

*C. hederacea*, L. Ivy-leaved Bell-flower. July, August.

This elegant little plant is plentiful in the boggy parts of Tilgate Forest near Crawley. I have never met with it in the locality recorded by Luxford on Reigate Heath.

*C. hybrida*, L. Corn Bell-flower. August.  
Plentiful in corn-fields both on the sand and on the chalk.

LONICERA. Honeysuckle. N. O. CAPRIFOLIACEÆ.

*L. Periclymenum*, L. Common Honeysuckle, or Woodbine. June—October.

Hedges and thickets, common. The beauty and fragrance of its flowers render it a pleasing ornament to our woods and hedges.

RHAMNUS. Buckthorn. N. O. RHAMNACEÆ.

*R. catharticus*, L. Common Buckthorn. May, June.

Not unfrequent in hedges at the foot of Reigate Hill. The juice of the ripe berries mixed with alum forms the sap-green used by painters.

*R. Frangula*, L. Alder Buckthorn. May.

In hedges and among bushes on the boggy parts of Reigate Heath.

EUONYMUS. Spindle-tree. N. O. CELASTRINEÆ.

*E. Europæus*, L. Common Spindle-tree. May.

Woods and hedges, frequent. The wood is very tough and is used for making skewers, &c.

VIOLA. Violet. N. O. VIOLACEÆ.

*V. hirta*, L. Hairy Violet. April, May.

Plentiful on Reigate and Buckland Hills.

*V. odorata*, L. Sweet Violet. March—May.

Woods, hedge-banks, and pastures, in abundance; the white-flowered variety is equally plentiful.

“Sweet flower! spring’s earliest, loveliest gem,  
While other flowers are idly sleeping,  
Thou rearest thy purple diadem,  
Meekly from thy seclusion peeping.

"Thou, from thy little sacred mound,  
Where diamond dew-drops shine above thee,  
Scatterest thy modest fragrance round,  
And well may Nature's poet love thee."—*Bowring*.

*V. palustris*, L. Marsh Violet. May, June.  $\mathfrak{H}$

Plentiful in the bogs on Reigate Heath.

*V. canina*, L. Dog's Violet. May—July.  $\mathfrak{H}$

Woods, banks, and dry pastures, very abundant.

"Deceitful plant! from thee no odours rise,  
Perfume the air, or scent the mossy glade;  
Although thy blossoms wear the modest guise  
Of her, the sweetest offspring of the shade.

"Yet, not like hers, still shunning to be seen,  
And by their fragrant breath alone betrayed,  
Veiled in the vesture of a scantier green,  
To every gazer are thy flowers displayed.

"Thus Virtue's garb Hypocrisy may wear,  
Kneel as she kneels, or give as she has given;  
But ah! no meek, retiring worth is there,  
No incense of the heart exhales to heaven!"—

*C. H. Townsend.*

*V. canina*  $\beta$ , L. (*V. flavicornis*, Foster.) Dwarf  
Yellow-spurred Violet. April—July.

Dry sandy banks about Red-hill, the Park Hill, &c.

*V. tricolor*, L. Pansy-Violet, or Heart's-ease.  
April—September.

Corn-fields on the sand, not common.

*V. tricolor*  $\beta$ . L. (*V. arvensis*, Murray.) Corn  
Heart's-ease. March—September.

Abundant in corn-fields in sandy situations.

RIBES. Currant and Gooseberry. N. O. GROS-  
SULARIACEÆ.

- R. *rubrum*, L. Red Currant. May. † †  
 In boggy situations above Wonham mill-pond.
- R. *nigrum*, L. Black Currant. May.  
 Boggy places about Littleton.
- R. *Grossularia*, L. Common Gooseberry. April, †  
 May.  
 Hedges on Reigate Heath, Cockshot Hill, and elsewhere.

## HEDERA. Ivy. N. O. ARALIACEÆ.

- H. *Helix*, L. Common Ivy. October, November. †  
 Walls, hedge-banks, and trunks of trees, abundant.

- “ Like the frail *Ivy*, which some prop requires,  
 Round which its feeble branches may entwine ;  
 So every human heart support desires,  
 And till it finds its rest must droop and pine.
- “ And sometimes I have seen the *Ivy* cling  
 To plants which have themselves no strength to rise ;  
 Or round loose crumbling stones its green leaves fling,  
 As helpless on the ground it prostrate lies.
- “ And thus how often do we vainly seek  
 The rest we need among earth’s fleeting joys ;  
 As well hope safety from the ruin weak,  
 Which in its fall the clinging plant destroys.
- “ But oft I’ve seen the *Ivy*’s fragile form  
 Clinging in safety round a stately tree ;  
 Secure from danger, heedless of the storm ;  
 Oh, is there such a resting-place for me ?
- “ Yes ; weary spirits who for shelter long,  
 Upon the ‘ Tree of Life ’ may safely lean ;  
 Cleave closely to this refuge, firm and strong,  
 None trusting here have disappointed been.”—B. A. M.

THESIUM. Bastard-Toadflax. N. O. SANTA-LACEÆ.

*T. linophyllum*, L. Flax-leaved Bastard-Toadflax. July.

Hedge-bank right hand of the road leading from Dorking to Ranmore Common, about a quarter of a mile beyond the chalk-pit; not unfrequent in Norbury Park, near Mickleham.

PENTANDRIA—DIGYNIA.

GENTIANA. Gentian. N. O. GENTIANACEÆ.

*G. Pneumonanthe*, L. Marsh Gentian. August, September.

I have never been fortunate enough to meet with this beautiful plant, although I have several times searched for it in the Forest near Handcross where Mr. John Henness discovered it. Mr. Edward Jenner informs me has met with it in several places in Tilgate Forest.

*G. Amarella*, L. Autumnal Gentian. August, September.

Abundant on Reigate and Buckland Hills.

CUSCUTA. Dodder. N. O. CONVULVULACEÆ.

*C. Europæa*, L. Greater Dodder. August, September.

Parasitical on Nettles, on the banks of the Mole both at Brockham, and near Leatherhead.

*C. Epithymum*, L. Lesser Dodder. July, August. Parasitical on Furze and Ling, plentiful on Reigate Heath.

*C. Trifolii*, Bab. Clover Dodder. July—September.

Occasionally in Clover-fields, where it is a parasite on the

Clover; its presence is not at all desired by the farmer, as it completely destroys all the crop within its reach; some years since I saw it in profusion in a clover-field on the High Trees Farm, and last autumn I am informed it was abundant in a field of Clover at Brockham.

**CHENOPODIUM.** Goosefoot. N. O. **CHENOPODEÆ.**

- C. polyspermum*  $\beta$ , L. (*C. acutifolium*, E. B.)  
Many-seeded Goosefoot. August, September.  
Corn-fields about Red-hill, frequent.
- C. urbicum*  $\beta$ , L. (*C. intermedium*, Mert. et Koch.) Upright Goosefoot. August.  
In a field near Brockham, Mr. William Bennett.
- C. Bonus Henricus*, L. Mercury Goosefoot. H<sup>+</sup>  
August, September.  
Buckland and Betchworth churchyards, and at the foot of old walls about Bletchingley.
- C. album*, L. White Goosefoot. July, August.  
Abundant in corn-fields, and on waste ground.

**ULMUS.** Elm. N. O. **ULMACEÆ.**

- U. campestris*, Sm. Common Elm. March, April. H<sup>+</sup>  
Woods and thickets, common.
- U. suberosa*, Ehrh. Common Cork-barked Elm.  
March.  
Frequent in woods and hedges; a variety of the preceding.
- U. montana*, Bauh. Broad-leaved or Wych Elm.  
March, April.  
Frequent in woods, hedges, and plantations.

*The remaining plants in this Order belong to the Natural Order UMBELLIFERÆ.*

### HYDROCOTYLE. White-rot.

- H. vulgaris*, L. Common White-rot. May, June. H  
Wet parts of Reigate Heath, abundant.

### SANICULA. Sanicle.

- S. Europæa*, L. Wood Sanicle. May, June. H  
Abundant in woods and thickets, principally on the chalk.

### CONIUM. Hemlock.

- C. maculatum*, L. Common Hemlock. June, July. H  
Borders of fields below Reigate Hill, not unfrequent, in the lane near Littleton Bridge, and about Red-hill. The whole plant is very poisonous, and should be carefully discriminated from its allies; it may be distinguished by its fetid smell, and by the waved ridges of the fruit, together with its stem, which is always spotted or blotched with purple.

### SMYRNIUM. Alexanders.

- S. Olusatrum*, L. Common Alexanders. May, H  
June.  
Hedge on the south side of Cockshot Hill, left hand of the Brighton road.

### HELOSCIADIUM. Marsh-wort.

- H. nodiflorum*, Koch. Procumbent Marsh-wort. H  
July, August.  
Sides of ponds and streams.

*H. inundatum*, Koch. Least Marsh-wort. May—  
July.

Watery places on Reigate Heath and Earlswood Common.

SISON. Bastard Stone-parsley.

*S. Amomum*, L. Hedge Bastard Stone-parsley.  
August.

Hedge-banks, chiefly on the chalk, plentiful.

ÆGOPODIUM. Goat-weed.

*Æ. podagraria*, L. Common Goat-weed. May,  
June.

Gardens, hedges, and waste places in abundance.

BUNIUM. Earth-nut.

*B. flexuosum*, With. Earth-nut, or Pig-nut. May, |  
June.

Meadows and pastures, frequent, plentiful on the Park  
Hill.

PIMPINELLA. Burnet Saxifrage.

*P. Saxifraga*, L. Common Burnet Saxifrage.  
July, August.

Dry pastures, frequent on Reigate and Buckland Hills,  
and about Red-hill.

*P. magna*, L. Greater Burnet Saxifrage. July, |  
August.

Hedges and bushy places on Reigate and Buckland Hills,  
and margins of fields below the hills.

SIUM. Water-Parsnep.

*S. angustifolium*, L. Narrow-leaved Water-Pars-  
nep. July, August.



## BUPLEURUM. Hare's-ear.

- B. rotundifolium*, L. Common Hare's-ear, or  
Thorow-wax. July, August.

Sparingly in corn-fields on High Trees Farm, and in corn-fields on the top of Buckland Hill, near the Hermitage.

## CENANTHE. Water-Dropwort.

- C. fistulosa*, L. Common Water-Dropwort. July,  
August.

Abundant in a large pond below the hills, east of Merstham.

- C. crocata*, L. Hemlock Water-Dropwort. July.

Plentiful in boggy situations west of Reigate Heath, also in ditches in the Moors, about Littleton, &c.

## ÆTHUSA. Fool's Parsley.

- Æ. Cynapium*, L. Common Fool's Parsley. July,  
August.

Fields, gardens and waste ground, common.

## FÆNICULUM. Fennel.

- F. vulgare*, Gärtn. Common Fennel. July,  
August.

Smitham Bottom, between Merstham and Croydon, and occasionally on waste ground about Reigate.

## SILAUS. Pepper Saxifrage.

- S. pratensis*, Besser. Meadow Pepper Saxifrage.  
July—September.

Abundant in meadows, all along below the chalk range.

## ANGELICA. Angelica.

*A. sylvestris*, L. Wild Angelica. July.

Moist woods and marshy places, frequent.

## PASTINACA. Parsnep.

*P. sativa*, L. Common Wild Parsnep. July, <sup>1</sup>  
August.

Borders of fields, road-sides, &c. on and below the chalk.  
Abundant on Reigate and Buckland Hills.

## HERACLEUM. Cow-Parsnep.

*H. Sphondilium*, L. Common Cow-Parsnep. July. <sup>1</sup>

Hedges, pastures, and bushy places, common; the variety  
with narrow leaves is equally plentiful.

## DAUCUS. Carrot.

*D. Carota*, L. Wild Carrot. July.

Pastures and borders of fields, common; abundant on the  
chalk hills.

## CAUCALIS. Bur-Parsley.

*C. daucoides*, L. Small Bur-Parsley. July.

Fallow fields on the top of Buckland Hill.

## TORILIS. Hedge-Parsley.

*T. Anthriscus*, Gærtn. Upright Hedge-Parsley. <sup>1</sup>  
July.

Hedges, and waste places, common.

*T. infesta*, Spr. Spreading Hedge-Parsley. July.

Fields and way-sides, common.

*T. nodosa*, Gærtn. Knotted Hedge-Parsley. May <sup>14</sup>  
—July.

Corn-fields about Red-hill, not common.

SCANDIX. Shepherd's Needle.

*S. Pecten*, L. Shepherd's Needle. June, July. <sup>14</sup>

Corn-fields, very common.

ANTHRISCUS. Beaked-Parsley.

*A. sylvestris*, Koch. Wild Beaked-Parsley. May, <sup>14</sup>  
June.

Hedges and borders of fields, abundant.

*A. vulgaris*, Pers. Common Beaked-Parsley.  
June.

Foot of the wall right-hand of Nutley Lane, and in the  
lane leading to the Church, by the wall of the Wilderness.

CHÆROPHYLLUM. Chervil.

*C. temulentum*, L. Rough Chervil. June, July. <sup>14</sup>

Hedges and borders of fields.

MYRRHIS. Cicely.

*M. odorata*, Scop. Sweet Cicely. May, June.

By the side of the road between Upper Gatton, and Shabden Park, Chipstead, Mr. William Hanson.

PENTANDRIA—TRIGYNIA.

VIBURNUM. Guelder-rose. N. O. CAPRIFOLIACEÆ.

*V. Lantana*, L. Mealy Guelder-rose, or Way-faring Tree. June.

Plentiful in hedges and thickets about Reigate and Buckland Hills.

“*Wayfaring Tree* ! what ancient claim  
Hast thou to that right pleasant name ?  
Was it that some faint pilgrim came  
Unhopedly to thee ;  
In the brown desert’s weary way  
Midst thirst and toil’s consuming sway,  
And there as ’neath thy shade he lay,  
Blessed the *Wayfaring Tree* ?

“Or is it that thou lov’st to show  
Thy coronals of fragrant snow,  
Like life’s spontaneous joys that flow  
In paths by thousands beat ?  
Whate’er it be, I love it well,—  
A name, methinks, that surely fell  
From poet in some evening dell,  
Wandering with fancies sweet.”—W. H.

V. *Opulus*, L. Common Guelder-rose. June, July.

Hedges and thickets about Reigate and Buckland Hills.  
Its bunches of flowers under cultivation are formed into  
round balls, and being beautifully white resemble snow-balls.  
Cowper speaks of

“The snow-flower tall ;  
Throwing up into the darkest gloom,  
Of neighbouring Cypress, or more sable Yew,  
Her silver globes, light as the foaming surf,  
That the wind severs from the broken wave.”

SAMBUCUS. Elder. N. O. CAPRIFOLIACEÆ.

S. *Ebulus*, L. Dwarf Elder. July.

Plentiful in a swampy situation below the Engine Pond in  
Gatton Park.

*S. nigra*, L. Common Elder. June.

Plentiful in woods and hedges. A decoction of the flowers is frequently used as a cooling fomentation. The berries, which are used for making Elder wine, are said to be poisonous to poultry.

### PENTANDRIA—PENTAGYNIA.

LINUM. Flax. N. O. LINACEÆ.

*L. usitatissimum*, L. Common Flax. July.

Occasionally met with in cornfields, and on waste ground. It is from the fibres of this species that linen is manufactured. The seed is the Lint-seed or Linseed of commerce. Mrs. Howitt has given us the following beautiful lines on the Flax.

“ Oh, the little *Flax* flower,  
It groweth on the hill,  
And be the breeze awake or asleep,  
It never standeth still.

“ It groweth, and it groweth fast,  
One day it is a seed,  
And then a little grassy blade,  
Scarce bigger than a weed.

“ But then comes out the Flax-flower,  
As blue as is the sky,  
And 'tis a dainty little thing,  
We say as we pass by.

“ Oh, 'tis a goodly little thing,  
It groweth for the poor,  
And many a peasant blesses it,  
Beside his cottage door.”

*L. perenne*, L. Perennial Blue Flax. July,  
August.

On a hedge-bank at Turner's Hill, near Worth.

*L. angustifolium*, Huds. Narrow-leaved pale Flax. July.

At the foot of Box-hill, on the south side.

*L. catharticum*, L. Purging Flax. June, July.

Abundant on Reigate and Buckland Hills, and elsewhere on chalk and gravel.

PENTANDRIA—HEXAGYNIA.

DROSERA. Sun-dew. N. O. DROSERACEÆ.

*D. rotundifolia*, L. Round-leaved Sun-dew. July, August.

Plentiful in the bogs on Reigate Heath.

“By the lone fountain’s secret bed,  
Where human footsteps rarely tread,  
’Mid the wild moor, or silent glen,  
The *Sun-dew* blooms unseen by men;  
Spreads there her leaf of rosy hue,  
A chalice for the morning dew,  
And ere the summer’s sun can rise,  
Drinks the pure waters of the skies.”—

*Wild Garland.*

PENTANDRIA—POLYGYNIA.

MYOSURUS. Mouse-tail. N. O. RANUNCULACEÆ.

*M. minimus*, L. Common Mouse-tail. May, June.

Abundant in a corn-field west end of the Park Hill, also in several of the corn-fields about Santon and Flanchford. I have never been able to meet with it unless wheat is growing in these fields.



## HEXANDRIA—MONOGYNIA.

BERBERIS. Barberry. N. O. BERBERIDÆ.

*B. vulgaris*, L. Common Barberry. June.  
Hedges on the Wray Park Estate, and at Betchworth.

PEPLIS. Purslain. N. O. LYTHRÆÆ.

*P. Portula*, L. Water Purslain. June, July. H  
Watery places on Reigate Heath, Earlswood Common, &c.

GALANTHUS. Snowdrop. N. O. AMARYLLIDACEÆ.

*G. nivalis*, L. Common Snowdrop. February—  
March.

Plentiful in a meadow and on hedge-banks on Wiggey Farm, and in meadows on the banks of the Mole at Brockham.

“Like pendent flakes of vegetating snow,  
The early herald of the infant year,  
Ere yet the adventurous Crocus dares to blow,  
Beneath the orchard boughs thy buds appear.

“While still the cold north-east ungenial lours,  
And scarce the hazel in the leafless copse,  
Or salallows show their downy powder’d flowers,  
The grass is spangled with thy silver drops.”—

Charlotte Smith.

NARCISSUS. Daffodil. N. O. AMARYLLIDACEÆ.

*N. Pseudo-narcissus*, L. Common Daffodil. March,  
April.

Plentiful in a meadow left hand of the lane leading from Hookwood Common to Horley Mill, and in a copse right

hand of the lane leading from the foot of Redstone Hill to Mid Street, Nutfield.

“ I wandered lonely as a cloud,  
That floats on high o'er vales and hills,  
When all at once I saw a crowd,  
A host of golden *Daffodils*;  
Beside a lake, beneath the trees,  
Fluttering and dancing in the breeze.

“ Continuous as the stars that shine  
And twinkle on the milky way,  
They stretched in never-ending line  
Along the margin of a bay;  
Ten thousand saw I at a glance,  
Tossing their heads in sprightly dance.”—

*Wordsworth.*

*N. poeticus*, L. Poet's Narcissus. April, May.

The Rev. C. T. Smith of Reigate informs me he has found this plant in tolerable plenty in a copse about a mile below Crawley, on the right hand of the turnpike road; he once very kindly accompanied me to the spot, but I fear it is now eradicated, as we could not meet with it. I have seen plants from this locality in a garden.

*N. biflorus*, Curt. Pale Narcissus. April, May.

The Rev. C. T. Smith also accompanied me to the locality of this plant, which we were more successful in finding; it is in Tilgate Forest about half-way between Crawley and Horsham.

CONVALLARIA. Lily of the Valley. N. O.  
LILIACEÆ.

*C. majalis*, L. Lily of the Valley. May.

Plentiful in the wood by Kingswood Church, right hand of the London road.



"Sweet flower of the valley, wi' blossoms of snow,  
And green leaves that turn the cauld blast frae their stems,  
Bright emblem of innocence, thy beauties I lo'e,  
Above the king's coronet circled with gems.

"There's no tinsel about thee, to make thee mair bright,  
Sweet Lily! thy loveliness a' is thy ain,  
And thy bonny bells, dangling sae pure and sae light,  
Proclaim thee the fairest of Flora's bright train."

ALLIUM. Garlick. N. O. LILIACEÆ.

*A. ursinum*, L. Broad-leaved Garlick, or Ram-  
sons. May, June.

In abundance in copses between Wray Common and Reigate Hill, and in several of the hedges and copses below Reigate and Buckland Hills.

ORNITHOGALUM. Star of Bethlehem. N. O. LILIACEÆ.

*O. umbellatum*, L. Common Star of Bethlehem.  $\frac{1}{2}$   
May.

Occasionally in meadows and waste ground, but I believe always an outcast from gardens.

*O. nutans*, L. Drooping Star of Bethlehem. April,  
May.

On a high sandy bank right hand of the lane leading from Linkfield Street to Wray Common.

HYACINTHUS. Hyacinth. N. O. LILIACEÆ.

*H. non-scriptus*, L. Wild Hyacinth, or Blue-bell.  $\frac{1}{2}$   
May.

Woods, copses, hedge-rows, &c., in abundance. I have occasionally met with a variety with white flowers at Littleton, and west of Reigate Heath.

“ Well might they call ye *Blue-bells*, lovely flowers,  
 Oft in the woodland I have seemed to hear  
 Your gentle voice in evening’s tranquil hours,  
 Like village-bells, harmonious and clear.

“ For you, like them, fair blossoms, have a voice :  
 Of faith, and hope, and love, your music tells ;  
 It bids us in His tender care rejoice,  
 Who made so beautiful these sweet *Blue-bells*.”—

B. A. M.

NARTHECIUM. Bog Asphodel. N. O. JUNCACEÆ.

N. *ossifragum*, Huds. Lancashire Bog Asphodel.  
 July, August.

Bogs at Leith Hill, and in the boggy parts of Tilgate Forest.

TULIPA. Tulip. N. O. LILIACEÆ.

T. *sylvestris*, L. Wild Tulip. April.

In an orchard near the railway bridge at Buckland, and in an orchard on the Holmwood, near Dorking.

“ Not one of Flora’s brilliant race  
 A form more perfect can display,  
 Art could not feign more simple grace,  
 Nor Nature take a tint away.”—*Montgomery*.

LILIUM. Lily. N. O. LILIACEÆ.

L. *Martagon*, L. Martagon Lily. July.

In abundance in a copse right hand of the lane leading from Mickleham to Headley. This splendid Lily is thoroughly naturalized in this locality, and if we are to admit into our Floras other plants that are undoubtedly naturalized, there certainly is no reason why this should be rejected ;

from its appearance I believe it must have existed there for centuries; it extends along the copse for the distance of nearly half-a-mile.

JUNCUS. Rush. N. O. JUNCACEÆ.

*J. glaucus*, L. Hard Rush. July.

Abundant in watery places, as at Reigate Heath, Dover's Green, &c.

*J. effusus*, L. Soft Rush. July.

Watery places, Reigate Heath, &c.

*J. conglomeratus*, L. Common Rush. July, August.

Watery places, common.

*J. acutiflorus*, Ehrh. Sharp-flowered jointed Rush. July, August.

Frequent on Reigate Heath and elsewhere.

*J. lampocarpus*, Ehrh. Shining-fruited jointed Rush. July, August.

Bogs on Reigate Heath.

*J. obtusiflorus*, Ehrh. Blunt-flowered jointed Rush. August.

Watery places on Reigate Heath.

*J. uliginosus*, Sibth. Lesser Bog jointed Rush. August.

Bogs on Reigate Heath.

*J. bufonius*, L. Toad Rush. August.

Wet places, road-sides, &c., common.

*J. squarrosus*, L. Heath Rush. June, July.

Plentiful on Reigate Heath.

LUZULA. Wood-rush. N. O. JUNCACEÆ.

- L. sylvatica*, Bich. Great Hairy Wood-rush. May, June.

Abundant in moist, shady situations in various parts of Tilgate Forest.

- L. pilosa*, Willd. Broad-leaved Hairy Wood-rush. April, May.

Hedge-banks and shady places frequent, plentiful in the lane west end of the Park Hill.

- L. Forsteri*, D. C. Narrow-leaved Hairy Wood-rush. May, June.

Plentiful in woods between Red-hill and Nutfield.

- L. campestris*, Br. Field Wood-rush. April, May.

Abundant in meadows and pastures.

- L. multiflora*, Lej. Many-headed Bog Wood-rush. May, June.

Boggy situations about Reigate Heath and elsewhere; abundant in the boggy parts of Tilgate Forest.

HEXANDRIA—TRIGYNIA.

RUMEX. Dock and Sorrel. N. O. POLYGO-  
NACEÆ.

- R. crispus*, L. Curled Dock. June, July.

Pastures, way-sides, &c., frequent.

- R. pratensis*, Mert. et Koch. Meadow Dock. June, July.

Waste ground right hand of the road between Reigate and Wray Common. J. T. Syme, Esq.

*R. sanguineus*  $\beta$ , L. (*R. viridis*, Sibth.) Green-<sup>H</sup>  
veined Dock. July.

By the pond east of Merstham, below the Hills.

*R. acutus*, L. Sharp Dock. July.

Ditches and watery places.

*R. pulcher*, L. Fiddle Dock. July.

Pastures, way-sides, &c.

*R. obtusifolius*, L. Broad-leaved Dock. July.

Way-sides and waste places, common.

*R. Acetosa*, L. Common Sorrel. May—August. <sup>H</sup>

Meadows and pastures, abundant.

*R. Acetosella*, L. Sheep's Sorrel. May—August. <sup>H</sup>

Dry pastures, sandy banks, &c., abundant.

TRIGLOCHIN. Arrow-grass. N. O. ALIS-  
MACEÆ.

*T. palustre*, L. Marsh Arrow-grass. July, <sup>H</sup>  
August.

Wet meadows by the railway station at Red-hill, and at  
Nutfield Marsh.

COLCHICUM. Meadow Saffron. N. O. ME-  
LANTHIACEÆ.

*C. autumnale*, L. Common Meadow Saffron. Sep-<sup>H</sup>  
tember, October.

Plentiful in a meadow adjoining the west end of Wray  
Common. I have also observed it sparingly in several of  
the meadows on the Wray Park Estate; the flowers vary in  
colour from white to purple; the leaves appear in the spring.

## HEXANDRIA—HEXAGYNIA.

ACTINOCARPUS. Star-fruit. N. O. ALISMACEÆ.

*A. Damasonium*, Br. Common Star-fruit. June, July.

Plentiful about New Pond on Earlswood Common. Mr. Edward T. Bennett informs me he has found it in a pond on Shelwood Common, and also on the Holmwood Common.

## HEXANDRIA—POLYGYNIA.

ALISMA. Water-Plantain. N. O. ALISMACEÆ.

*A. Plantago*, L. Greater Water-Plantain. July. †

Pools, ditches, and watery places, common. The tubers of the root are recommended in cases of Hydrophobia, and its use is sanctioned by the College of Physicians in Moscow.

## OCTANDRIA—MONOGYNIA.

ACER. Maple. N. O. ACERINEÆ.

*A. Pseudo-Platanus*, L. Greater Maple, or Sycamore. May, June.

In the Park and elsewhere in plantations.

*A. campestre*, L. Common Maple. May, June.

Frequent in hedges, woods, and thickets.

CHLORA. Yellow-wort. N. O. GENTIANACEÆ.

*C. perfoliata*, L. Perfoliate Yellow-wort. July—September.

Plentiful on Reigate and Buckland Hills.

## ERICA. Heath. N. O. ERICACEÆ.

E. *Tetralix*, L. Cross-leaved Heath. July, August.

Plentiful on the boggy parts of Reigate Heath, also in Tilgate Forest, and foot of Leith Hill; the most delicate and beautiful of the English Heaths.

“ Sometimes with bells like amethyst, and then  
 Paler, and shaded like a maiden's cheek  
 With gradual blushes; other while as white  
 As rime that hangs upon the frozen spray.”—

*Mrs. C. Smith.*

E. *cinerea*, L. Fine-leaved Heath. July, August.

In profusion on Reigate Heath, Red-hill, the Park Hill, and elsewhere.

“ Sweet flow'ret! from nature's indulgence thou 'rt cast,  
 Thy home's on the cold heath, thy nurse is the blast;  
 No shrub spreads its branches to shelter thy form,  
 Thou 'rt shook by the winds, and thou 'rt beat by the storm,  
 But the bird of the moor on thy substance is fed,  
 And thou giv'st to the hare of the mountain a bed.”—

*J. Jones.*

## CALLUNA. Ling. N. O. ERICACEÆ.

C. *vulgaris*, L. Common Ling. June—August.

Reigate Heath, the Park Hill, Red-hill, &c., very common.

“ Flower of the wild, whose purple glow,  
 Adorns the dusky mountain's side;  
 Not the gay hues of Iris' bow,  
 Nor garden's artful varied pride,  
 With all its wreath of sweets, could cheer,  
 Like thee, the hardy mountaineer.”—*Mrs. Grant.*

VACCINIUM. Whortleberry. N. O. VACCINIEÆ.

V. *Myrtillus*, L. Bilberry or Whortleberry. May, 7-14  
June.

Abundant in a wood right hand of the London road, near Kingswood Church, also in woods south of Dorking and at Leith Hill. The fruit is collected in large quantities for sale, and is used mixed with red currants for making tarts and preserves.

CENOTHERA. Evening-Primrose. N. O. ONAGRARIÆ.

C. *biennis*, L. Common Evening-Primrose. July, August.

Sometimes occurs on waste ground, and rubbish-heaps, but always escaped from cultivation.

EPILOBIUM. Willow-herb. N. O. ONAGRARIÆ.

E. *angustifolium*, L. Rosebay Willow-herb. July, August.

There are two or three large patches of this beautiful plant in Nutwood, Gatton Park. I have also observed it on the left hand of the London road at Kingswood, about half-a-mile beyond the Fox. In profusion on some parts of Box Hill.

E. *hirsutum*, L. Great Hairy Willow-herb. July.  
Banks of streams, ditches, and watery places.

E. *parviflorum*, Schreb. Small-flowered Hairy Willow-herb. July.

Banks of streams, ditches, and watery places.



- E. montanum*, L. Broad smooth-leaved Willow-herb. July.

Dry sandy banks, walls, &c., frequent.

- E. tetragonum*, L. Square-stalked Willow-herb. July.

Sides of ditches and watery places, common.

- E. palustre*, L. Narrow-leaved Marsh Willow-herb. July.

Boggy parts of Reigate Heath.

DAPHNE. Mezereon and Spurge Laurel. N. O.  
THYMELÆACEÆ.

- D. Mezereum*, L. Common Mezereon. March.

I once found two small plants in a wood at Mickleham. The late Mr. Daniel Cooper, in his "Flora Metropolitana," mentions this and the following species in his list of plants found on Betchworth and Box Hills. I have not met with either of them there, but the situations are such as one might reasonably expect to find them in, especially in the Fir-plantation east of Box Hill.

"Odours of Spring, my sense ye charm

With fragrance premature ;

And, mid these days of dark alarm,

Almost to hope allure.

Methinks with purpose soft ye come

To tell of brighter hours,

Of May's blue skies, abundant bloom,

Her sunny gales and showers."—*Mrs. Tighe*.

- D. Laureola*, L. Spurge Laurel. March, April.

Plentiful in the wood left hand of the lane leading from Mickleham to Headley, also on the hills east of Merstham, and in woods about Chipstead and Gatton.

## OCTANDRIA—TRIGYNIA.

## POLYGONUM. Persicaria. N. O. POLYGONACEÆ.

*P. Bistorta*, L. Bistort or Snakeweed. June.

In an orchard by the Railway bridge at Buckland, meadow near Flanchford bridge, and near Mid Street, Nutfield.

*P. aviculare*, L. Common Knot-grass. May—September.

Waste ground, road-sides, &c., abundant.

*P. Fagopyrum*, L. Buck-Wheat. July, August.

Copses, &c., about Kingswood; probably sown there to feed game.

*P. Convolvulus*, L. Climbing Buck-Wheat. July, August.

Corn-fields, hedges, &c., common.

*P. dumetorum*, L. Wing-fruited Buck-Wheat. July, August.

I have frequently met with this rare plant in hedges by the side of the road all along from Reigate Heath to Buckland, but it is very uncertain in its appearance; it always appears after the ground at the foot of the hedges has been disturbed by digging; it then flourishes in profusion, festooning the hedges in the most luxuriant manner, but disappears after the second or third year until the ground is again disturbed. I once met with it in a hedge on Doods' Farm, but it has again disappeared, and it no longer exists in the locality described by Luxford, "in the lane leading from Reigate Heath to Wonham Mill." Mr. William Bennett informs me he has found it in a hedge in the lane opposite Chart Park, near Brockham.

*P. amphibium*, L. Amphibious Persicaria. July, August.

Pool in the Priory grounds, New Pond on Earlswood Common, and Gatton Pond.

P. *Persicaria*, L. Spotted Persicaria. August. H  
Moist ground and waste places, frequent.

P. *lapathifolium*, L. Pale-flowered Persicaria.  
August, September.  
Fields and dunghills, very common.

P. *Hydropiper*, L. Biting Persicaria. August, -  
September.  
Sides of ditches and watery places, common.

### OCTANDRIA—TETRAGYNIA.

PARIS. Herb Paris. N. O. SMILACEÆ.

P. *quadrifolia*, L. Common Herb Paris. May, H<sup>+</sup>  
June.

Copse on the Wray Park Estate between Wray Common and Reigate Hill, Nutwood in Gatton Park, and in woods east of Merstham.

ADOXA. Moschatell. N. O. ARALIACEÆ.

A. *moschatellina*, L. Tuberous Moschatell. April, H  
May.

Woods, hedge-banks, and shady places, frequent.

“*Adoxa* loves the green-wood shade,  
There waving through the verdant glade,  
Her scented seeds she strews.”

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### ENNEANDRIA—HEXAGYNIA.

BUTOMUS. Flowering Rush. N. O. BUTOMEÆ.

*B. umbellatus*, L. Common Flowering Rush. June 1-4  
—September.

In the river Mole between Mickleham and Leatherhead. This is one of the most ornamental of our water plants, and is well worth cultivating in ponds and pieces of water in pleasure-grounds.

“Mid the flags that fringe the streamlet’s bed  
The stately *Butomus* reared her head,  
Like a Naiad crowned with a flowery wreath,  
She rose from the waters that flowed beneath.

“It was lovely to look on that stately flower,  
So richly endowed with beauty’s dower;  
And as we turned from the river shore,  
To our home the graceful stranger we bore.

“But the glow of her roseate charms had fled,  
When a few fleeting hours had passed o’er her head:  
For no more ’mid the grass in the verdant mead,  
Did the tranquil waters her loveliness feed.

“And fancy might dream that the pale leaves sighed,  
As though they mourned for the flowing tide.  
She could not live from her home afar,  
And she faded before the evening star.”—*S. Waring*.

## DECANDRIA—MONOGYNIA.

MONOTROPA. Bird’s Nest. N. O. MONOTROPEÆ.

*M. Hypopitys*, L. Yellow Bird’s Nest. June, 1-4  
July.

Plentiful under the Beeches on Reigate Hill. I have also seen it on Box Hill and at Mickleham parasitical on the roots of the Beech.

## DECANDRIA—DIGYNIA.

## SCLERANTHUS. Knawel. N. O. PARONYCHIEÆ.

*S. annuus*, L. Annual Knawel. July. H

Frequent in corn-fields and waste ground in sandy situations; plentiful on Reigate Heath.

## CHRYOSPLENIUM. Golden Saxifrage. N. O. SAXIFRAGÆÆ.

*C. alternifolium*, L. Alternate-leaved Golden-Saxifrage. March, April. H

Plentiful in a swampy situation near the Railway station at Red-hill, and equally plentiful on the banks of the stream below Littleton bridge, and in boggy situations adjoining the stream.

*C. oppositifolium*, L. Opposite-leaved Golden-Saxifrage. April—June. H

Plentiful in watery places at Littleton, Wonham, Red-hill, Nutfield, &c.

## SAXIFRAGA. Saxifrage. N. O. SAXIFRAGÆÆ.

*S. granulata*, L. White Meadow Saxifrage. May, June.

Sandy bank just beyond the Ringley Oak Gate, right hand of the road to Red-hill, and on a bank in the lane west end of the Park Hill.

*S. tridactylites*, L. Rue-leaved Saxifrage. May, June.

Tops of walls and dry banks, common; a beautiful, delicate little plant, growing three or four inches high.

## SAPONARIA: Soapwort. N. O. CARYOPHYLLACEÆ.

*S. officinalis*, L. Common Soapwort. July, August.

On a sandy bank in the lane east end of the Park Hill, and in the lane leading from Linkfield Street to Frenches.

## DIANTHUS. Pink. N. O. CARYOPHYLLACEÆ.

*D. Armeria*, L. Deptford Pink. July, August.

On a sandy bank in the lane west end of the Park Hill, on Redstone Hill, and on a bank left hand of the lane leading from the foot of Redstone Hill, to Mid Street, Nutfield. Mr. Edward T. Bennett informs me it is plentiful on the banks of the Mole at Rice Bridge.

## DECANDRIA—TRIGYNIA.

## SILENE. Catchfly. N. O. CARYOPHYLLACEÆ.

*S. inflata*, Sm. Bladder Catchfly. June—August.

Meadows, pastures, and road-sides, common; the variety  $\beta$  with the calyx, stem, and leaves downy, is not uncommon in dry situations.

*S. Anglica*, L. English Catchfly. July—September.

Plentiful in corn-fields on both sides of the lane leading from Reigate Heath to Wonham Mill, also in corn-fields on High Trees' Farm.

*S. Armeria*, L. Lobel's Catchfly. July, August.

Occasionally on old walls, but always escaped from gardens.

## STELLARIA. Stitchwort. N. O. CARYOPHYLLACEÆ.

*S. media*, With. Common Stitchwort, or Chick-weed. March—September.

Waste and cultivated ground, &c., abundant.

*S. holostea*, L. Greater Stitchwort. May, June.

Abundant on hedge-banks, in woods, &c.

*S. graminea*, L. Lesser Stitchwort. May—July.

Dry pastures, fields, and heaths, common.

*S. uliginosa*, Murr. Bog Stitchwort. June.

Boggy situations on and around Reigate Heath, plentiful.

ARENARIA. Sandwort. N. O. CARYOPHYLLACEÆ.

*A. trinervis*, L. Three-nerved Sandwort. May.

Shady woods and moist places, frequent.

*A. serpyllifolia*, L. Thyme-leaved Sandwort. June.

On walls and dry waste places, frequent.

*A. rubra*, L. Purple Sandwort. June, July.

Not unfrequent in dry sandy situations, Reigate Heath, Ringley Oak, Red-hill, &c.

“ Among the loose and arid sands,  
The humble *Arenaria* creeps,  
Slowly the purple star expands,  
But soon within its calyx sleeps.”—

*A. Strickland.*

DECANDRIA—PENTAGYNIA.

SEDUM. Orpine and Stonecrop. N. O. CRASSULACEÆ.

*S. Telephium*, L. Orpine or Live-long. July.

On sandy banks about Cockshot Hill, west end of the Park Hill, and about Littleton.

*S. album*, L. White Stonecrop. July.

On a wall in Church Street, opposite the Church Walk, frequent on walls about Limpsfield.

*S. acre*, L. Biting Stonecrop, or Wall Pepper. H  
June, July.

On roofs and old walls. Plentiful on sand-banks by the Castle Mill, and on Milton Heath, both near Dorking.

*S. reflexum*, L. Crooked Yellow Stonecrop. July.

Plentiful on a bank left hand of the London road about a mile beyond the Fox at Kingswood.

OXALIS. Wood Sorrel. N. O. OXALIDACEÆ.

*O. Acetosella*, L. Common Wood Sorrel. May. H

Frequent in woods and shady places, plentiful in the lane west end of the Park Hill, Reigate Hill, &c. This most elegant little plant is supposed by many to be the original Irish Shamrock, but as there are three other plants whose claim to it is maintained by others, it must still remain doubtful to which it belongs.

“Where’er they pass, a triple grass  
Shoots up with dew-drops streaming,  
As softly green—as emeralds seen  
Through purest crystal gleaming.

Oh, the *Shamrock*! The green immortal *Shamrock*!  
Chosen leaf of bard and chief,  
Old Erin’s native *Shamrock*!”—Moore.

AGROSTEMMA. Cockle. N. O. CARYOPHYLLACEÆ.

*A. Githago*, L. Corn Cockle. June, July. -i



Frequent in corn-fields; a very unwelcome plant to the farmer, the seeds getting mixed up with the wheat when it is thrashed, and injuring its quality.

LYCHNIS. Campion. N. O. CARYOPHYLLACEÆ.

L. *Flos Cuculi*, L. Ragged Robin. June. |

Abundant in moist meadows and pastures,  
~~where it is very common at present.~~

"A man of taste is Robinet,  
 A dandy spruce and trim;  
 Whoe'er would dainty fashions set,  
 Should go and look at him.

"Rob scorns to wear his crimson coat,  
 As common people do;  
 He folds, and fits it in and out,  
 And does it bravely too.

"Robin's a roguish merry lad,  
 He dances in the breeze,  
 And looks up with a greeting glad  
 To the rustling hedge-row trees.

"How civilly he beckons in  
 The busy Mrs. Beë,  
 Who tells her store of gossiping,  
 O'er his honey and his glee.

"All joy, all mirth, no carking care,  
 No worldly woe has he,  
 Alack! I wish it were my lot to live  
 As merrily as he!"—*Miss Twamley*.

L. *diurna*, Sibth. Red Campion. June—August.

Woods, hedge-banks, borders of fields, and shady places,  
 common.

L. *vespertina*, Sibth. White Campion. June—  
 September.

Hedge-banks, waste ground, &c., common.

**CERASTIUM.** Mouse-ear Chickweed. N. O.**CARYOPHYLLACEÆ.**

*C. vulgatum*, L. Broad-leaved Mouse-ear Chickweed. April—June.

Fields, pastures, and road-sides, common.

*C. viscosum*, L. Narrow-leaved Mouse-ear Chickweed. April—September.

Wall-tops, pastures, and waste places, common.

*C. semidecandrum*, L. Little Mouse-ear Chickweed. April.

Dry sandy situations on Reigate Heath.

*C. arvense*, L. Field Chickweed. June, July.

On Smitham Bottom by the sides of the turnpike road, and by the side of the road leading from Banstead to Epsom.

*C. aquaticum*, L. Water Chickweed. July.

Sides of streams or ditches at Littleton, in the Moors, and elsewhere.

**SPERGULA.** Spurrey. N. O. **CARYOPHYLLACEÆ.**

*S. arvensis*, L. Corn Spurrey. June—August.

Abundant in corn-fields, especially on a light sandy soil.

*S. subulata*, Swartz. Awl-shaped Spurrey. July, August.

Starve-Mouse Plain, on Tilgate Forest; and in St. Leonard's Forest.

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**DODECANDRIA—MONOGYNIA.****LYTHRUM.** Purple Loose-strife. N. O. **LYTHRARIÆ.**

L. *Salicaria*, L. Spiked Purple Loose-strife. July, <sup>H</sup>  
August.

This beautiful plant is frequent on the banks of ponds and streams, and in abundance all along the banks of the Mole.

### DODECANDRIA—DIGYNIA.

AGRIMONIA. Agrimony. N. O. ROSACEÆ.

A. *Eupatoria*, L. Common Agrimony. June, <sup>H</sup>  
July.

Borders of fields, waste places, and road-sides, common.

### DODECANDRIA—TRIGYNIA.

RESEDA. Rocket. N. O. RESEDACEÆ.

R. *Luteola*, L. Dyer's Rocket. July. <sup>H</sup>

Abundant on Reigate and Buckland Hills, and elsewhere on the chalk. This plant is extensively used for dyeing cotton, woollen, silk, and linen goods, a beautiful yellow colour; the process is very simple. In July the plant should be collected, tied up into bundles, and hung up in a dry place; when wanted for use it is merely boiled (not in iron vessels) with alum, and the goods dipped into the liquor: blue cloths, &c., dipped in it become green.

R. *lutea*, L. Wild Mignonette. July, August. <sup>H</sup>

Common on Reigate and Buckland Hills.

### DODECANDRIA—DODECAGYNIA.

SEMPERVIVUM. Houseleek. N. O. CRASSU-  
LACEÆ.

S. *tectorum*, L. Common Houseleek. July. <sup>H</sup>

Frequent on roofs of cottages, but generally planted.

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## ICOSANDRIA—MONOGYNIA.

PRUNUS. Plum and Cherry. N. O. ROSACEÆ.

*P. domestica*, L. Wild Plum-tree. May.

Occasionally in woods and hedges, plentiful in hedges about Betchworth.

*P. insititia*, L. Wild Bullace-tree. May.

Occasionally in hedges about Reigate.

*P. spinosa*, L. Black-thorn, or Sloe. April, May.

Woods and hedges, abundant.

“ All other trees are wont to wear  
 First leaves—then flowers—then last  
 Their burden of rich fruit to bear  
 When Summer's pride is past.  
 But thou, so prompt thy flowers to show,  
 Bear'st but the harsh, unwelcome *Sloe*.”—

W. Howitt.

*P. Padus*, L. Bird Cherry. May.

In a plantation in the Priory grounds, opposite the Priory Farm-yard. The tree mentioned by Luxford at the back of the Cricketers has been cut down.

*P. Cerasus*, L. Wild Cherry. May.

Woods, copses, and hedge-rows, frequent.

## ISOCANDRIA—PENTAGYNIA.

MESPIIUS. Medlar. N. O. ROSACEÆ.

*M. Germanica*, L. Common Medlar. May, June.

In a hedge near the top of Redstone Hill, left hand of the road to Nutfield.

CRATÆGUS. Hawthorn. N. O. ROSACEÆ.

- C. *Oxycantha*, L. Hawthorn, White-thorn or May. May, June.

Woods and hedges, abundant. "Few of our native plants present a more beautiful appearance than a well-grown tree of Hawthorn, with its massy foliage and innumerable white and fragrant blossoms."—*Hooker*.

"From the *White-thorn* the May-flower shed.  
Its dewy fragrance round our head."

- PYRUS. Pear, Apple and Service. N. O. ROSACEÆ.

- P. *Malus*, L. Crab Apple. May.

Woods and hedges, not unfrequent. On the Park Hill there are some large trees that generally flower very freely.

- P. *terminalis*, Sm. Wild Service-tree. May.

Sparingly in hedges at Nutfield.

- P. *aucuparia*, Gært. Mountain-ash, or Rowan-tree. May, June.

Woods and hedge-banks about the Holmwood near Dorking, and between Dorking and Leith Hill.

"Where clings the Rowan to the rock,  
And through the foliage shows his head,  
With narrow leaves and berries red."

- P. *Aria*, Sm. White Beam-tree. May, June.

Abundant on Reigate and Buckland Hills, and all along the chalk range.

- SPIRÆA. Dropwort and Meadow-sweet. N. O. ROSACEÆ.

- S. *Filipendula*, Sm. Common Dropwort. July.

On Reigate Hill, near the Gatton Lodge; abundant to the north of Box Hill, and in Norbury Park near Mickleham.

- S. Ulmaria*, L. Meadow-sweet. July. 1:  
Wet meadows, banks of ponds and ditches, frequent.

## ISOCANDRIA—POLYGYNIA.

## ROSA. Rose. N. O. ROSACEÆ.

- R. tomentosa*, Sm. Downy-leaved Rose. June,  
July.

By the mill-pond at Flanchford, and in woods and hedges  
between Redstone Hill and Nutfield.

- R. inodora*, Fries. Slightly-scented Briar. June,  
July.

I once found a solitary plant of this species on the east  
end of Reigate Hill.

- R. micrantha*, Sm. Small-flowered Sweet Briar.  
June, July.

Frequent in hedges and bushy places on Reigate and Buck-  
land Hills.

- R. rubiginosa*, L. Sweet Briar. June, July. 21

On Reigate and Buckland Hills, frequent. The delicious  
and refreshing fragrance of this species, especially after a  
shower, has made it one of our most favourite wild flowers.

“O bonnie was yon rosy briar,  
That blooms sae far frae haunt o’ man,  
And bonnie she, and ah, how dear!  
It shaded frae the e’enin sun.

“Yon rose-buds in the morning dew  
How pure, amang the leaves sae green,  
But purer was the lover’s vow  
They witness’d in the shade yestreen.

“All in its rude and prickly bower,  
That crimson rose, how sweet and fair!  
But love is far a sweeter flower  
Amid life’s thorny path o’ care.”—*Burns*.

*R. canina*, L. Common Dog-Rose. June, July. †

Hedges and thickets, very common.

“ ’Tis the Rose of the desert,  
So lonely and wild,  
On the green leaf of freedom  
Its infancy smiled.  
In the language of beauty  
It buds o’er the thorn,  
And its leaves are all wet  
With the bright dews of morn.

“ Yet ’tis better, thou fair one,  
To dwell thus alone,  
Than recline on a bosom  
Less pure than thy own.  
Thy form is too lovely  
To be torn from its stem,  
And thy breath is too sweet  
For the children of men !

“ Bloom on then in secret,  
Sweet child of the waste !  
Where no lip of profaner  
Thy fragrance shall taste.  
Bloom on where no footstep  
Unhallowed hath trod,  
And give all thy blushes  
And sweets to thy God ! ”

*R. arvensis*, Huds. Trailing Dog-Rose. June, †  
July.

Woods, thickets, and hedges, very common.

RUBUS. Bramble. N. O. ROSACEÆ.

*R. idæus*, L. Raspberry. May, June.

Boggy situations about Reigate Heath, the Moors, Little-  
ton, &c.

*R. suberectus*, And. Upright Bramble. June—<sup>H</sup><sup>+</sup> August.

Boggy situations west of Reigate Heath.

*R. plicatus*, W. and N. Plaited-leaved Bramble. June—August.

Boggy places about Reigate Heath.

*R. rhamnifolius*, W. and N. Buckthorn-leaved Bramble. July, August.

Hedges, woods, and thickets, not unfrequent.

*R. fruticosus*, L. Common Bramble. July, August.

Hedges and thickets, in abundance.

“Thy fruit full well the school-boy knows,  
Wild Bramble of the brake!  
So put thou forth thy small white rose,  
I love it for his sake.

“Though Woodbines flaunt and Roses blow  
O'er all the fragrant bowers,  
Thou need'st not be ashamed to show  
Thy satin-threaded flowers.

“Again thou bidd'st me be a boy,  
More fain than bird or bee  
To gad in freedom and in joy,  
O'er bank and brae with thee.”—*Elliott*.

*R. leucostachys*, Sm. Long-clustered Bramble. July, August.

Not uncommon in woods and hedges.

*R. macrophyllus*, W. and N. Large-leaved Bramble. July, August.

Boggy situations near Littleton; frequent in Tilgate Forest, near Crawley.



*R. Koehleri*, W. and N. Koehler's Bramble. July, August.

Frequent in woods and hedges.

*R. corylifolius*, Sm. Hazel-leaved Bramble. July, August.

Hedges and thickets; very common on Reigate and Buckland Hills.

*R. cæsius*, L. Dewberry. June, July.

Hedges and thickets on Reigate and Buckland Hills, and elsewhere.

FRAGARIA. Strawberry. N. O. ROSACEÆ.

*F. vesca*, L. Wood Strawberry. May—July.

Hedges, woods, and thickets, common. The fruit is often to be met with in considerable quantities on Reigate and Buckland Hills.

“ *Strawberry* blossoms, one and all,  
We must spare them—here are many :  
Look at it, the flower is small,  
Small and low, though fair as any.

“ Pull the Daisies, sister Anne,  
Pull as many as you can :  
Fill your lap, and fill your bosom ;  
Only spare the *Strawberry* blossom.

“ Daisies leave no fruit behind,  
When the pretty flow'rets die ;  
Pluck them, and another year  
As many will be growing here.

“ God has given a kindlier power  
To the favoured *Strawberry* flower ;

When the months of Spring are fled,  
 Hither let us bend our walk,  
 Lurking berries ripe and red,  
 Then will hang on every stalk,  
 Each within its leafy bower,  
 And for that promise spare the flower.”—

Wordsworth.

*F. elatior*, Ehrh. Hautboy Strawberry. June, H<sup>+</sup>  
 July.

Plentiful among bushes on the Downs to the right of the turnpike road leading from Dorking to Mickleham. The first lane on the right after passing Box Hill will lead to the spot, about two hundred yards from the turnpike road, also in a wood left hand of the road between Box Hill and Mickleham.

COMARUM. Marsh Cinque-foil. N. O. ROSACEÆ.

*C. palustre*, L. Purple Marsh Cinque-foil. July.

Mr. John Henness informs me he has found this plant in the Moors near Reigate Heath, but I have never met with it.

POTENTILLA. Cinque-foil. N. O. ROSACEÆ.

*P. anserina*, L. Silver-weed Cinque-foil. June,  
 July.

Meadows, pastures, and road-sides, common.

*P. argentea*, L. Hoary Cinque-foil. June—September.

On the bank by the road leading to Red-hill, opposite the Grammar School, on a bank left hand of the footpath just within the gate of Ringley Oak field, and on banks about Cockshot Hill.

Reigate Heath

- P. reptans*, L. Common Creeping Cinque-foil. June—August.

Meadows, pastures, and road-sides, common.

- P. Fragariastrum*, Ehrh. Strawberry-leaved Cinque-foil. March, April.

Woods, hedge-banks, and pastures, very common.

#### TORMENTILLA. Tormentil. N. O. ROSACEÆ.

- T. officinalis*, Sm. Common Tormentil. June, July.

Reigate Heath, Red-hill, &c., frequent.

- T. reptans*, L. Creeping Tormentil. June, July. Sparingly on the Park Hill.

#### GEUM. Avens. N. O. ROSACEÆ.

- G. urbanum*, L. Common Avens. June.

Woods and hedges, frequent.

#### POLYANDRIA—MONOGYNIA.

##### PAPAYER. Poppy. N. O. PAPAVERACEÆ.

- P. argemone*, L. Long Prickly-headed Poppy. June.

Plentiful in corn-fields on the sand.

- P. dubium*, L. Long Smooth-headed Poppy. July. Corn-fields on the sand, frequent.

- P. Rhæas*, L. Common Red Poppy. June, July. Abundant in corn-fields.

- P. somniferum*, L. White Poppy. July. H  
Occasionally on waste ground about Mickleham.

CHELIDONIUM. Celandine. N. O. PAPAVERACEÆ.

- C. majus*, L. Common Celandine. May, June. H  
Waste ground, hedge-banks, borders of fields, &c., frequent.

HELIANTHEMUM. Rock Rose. N. O. CISTINEÆ.

- H. vulgare*, Guert. Common Rock Rose. July, H  
August.  
Abundant on Reigate and Buckland Hills, and elsewhere on the chalk.

TILIA. Lime. N. O. TILIACEÆ.

- T. Europæa*, L. Common Lime, or Linden-tree. H<sup>2</sup>  
July.

Frequent in shrubberies and plantations.

- T. grandiflora*, Ehrh. Broad-leaved Downy Lime.  
June, July.

There are a few fine specimens of this tree on the north side of the Park Hill.

- T. parvifolia*, Ehrh. Small-leaved Lime. August.

Ashted Park, near Epsom. We cannot claim either of the three species as truly wild, indeed it is very much doubted whether they are indigenous, particularly the two first.

NYMPHÆA. White Water-Lily. N. O. NYMPHÆACEÆ.

*N. alba*, L. Great White Water-Lily. July, H<sup>+</sup>  
August.

In the mill-pond at Ifield, Sussex, and in a secluded pool on Furnace Farm, Worth, Sussex.

“Come seek the *Lily's* still calm haunts, and see  
The waters sporting round their pearly cups,  
If ye ere gazed on aught more beautiful,  
Oh! tell me what it was, for ne'er have I.”

*Miss Twamley.*

NUPHAR. Yellow Water-Lily. N. O. NYMPHÆ-  
ACEÆ.

*N. lutea*, Sm. Common Yellow Water-Lily. July, H<sup>+</sup>  
August.

Abundant in various parts of the river Mole, as at Sidlow Bridge, Flanchford, &c.

### POLYANDRIA—PENTAGYNIA.

HELLEBORUS. Hellebore. N. O. RANUNCU-  
LACEÆ.

*H. viridis*, L. Green Hellebore. March, April. H<sup>+</sup>

In a wood near Mickleham, on the left hand of the road leading from Dorking to Mickleham, and in a wood near Chipstead Church. Some years since there was a large patch of it in an old hedge-row on the top of Reigate Hill, but the hedge having been grubbed up, it has disappeared.

*H. foetidus*, L. Stinking Hellebore. February—H<sup>+</sup>  
April.

Sparingly in woods about Mickleham.

DELPHINIUM. Larkspur. N. O. RANUNCU-  
LACEÆ.

*D. consolida*, L. Field Larkspur. June, July. H<sup>+</sup>

Occasionally on waste ground, but I believe always escaped from gardens.

AQUILEGIA. Columbine. N. O. RANUNCULACEÆ.

*A. vulgaris*, L. Common Columbine. June. H<sup>+</sup>

Plentiful in a copse on the High Trees' Farm, sparingly on Reigate Hill.

### POLYANDRIA—POLYGYNIA.

THALICTRUM. Meadow-Rue. N. O. RANUNCULACEÆ.

*T. flavum*, L. Common Meadow Rue. June, July. H<sup>+</sup>

Banks of the river Mole between Sidlow Bridge and Flanchford.

CLEMATIS. Traveller's Joy. N. O. RANUNCULACEÆ.

*C. vitalba*, L. Common Traveller's Joy, or Virgin's Bower. June, July. H<sup>+</sup>

Abundant in hedges and thickets all along the chalk range. The appearance of this plant in autumn is very beautiful, with its elegant festoons of feathery fruit.

"The *Traveller's Joy* is a darling thing,  
None loveth it more than I.  
I've seen it in courtly gardens cling,  
I've seen it mid rocks and ruins spring,  
I know hedge-rows where it's wandering,  
And I smile as I pass it by."

ANEMONE. *Anemone*. N. O. RANUNCULACEÆ.*A. nemorosa*, L. Wood Anemone. April, May. H

An elegant decoration to our woods and thickets in the early spring; where its delicate star-like flowers may be seen in countless numbers. The flowers are expanded in fine weather, but are folded up and drooping on the approach of rain.

“Nymph of the wood and forest glade!  
 In thy own fair vestal robes arrayed,  
 In the calm of the silent sylvan bowers,  
 'Tis sweet to gaze on thy drooping flowers.  
 Chaste and pure as the driven snow,  
 Yet faintly tinged with a purple glow.  
     Like mountain crests,  
     On some Alpine height,  
 When the snow-drift rests  
     In the evening light.

“Nymph of the wood and the sheltered glade,  
 I would linger with thee in the forest shade.  
 I would sit by the secret fount alone,  
 Soothed by the water's lulling tone.  
 There's a lesson of hope in that woodland flower,  
 While we mark the deep traces of love and of power,  
     In her lowly bed,  
     By the dew-drops fed,  
     Mid the beauty that dwells,  
 In her drooping bells.”—*The Wild Garland*.

## ADONIS. Pheasant's-eye. N. O. RANUNCULACEÆ.

*A. autumnalis*, L. Corn Pheasant's-eye. Sep-tember. H

I have on two or three occasions met with a single specimen in corn-fields about Reigate.

RANUNCULUS. Crowfoot. N. O. RANUNCULACEÆ.

- R. *aquatilis*, L. Common Water Crowfoot. May, June.

Abundant in ponds and stagnant water. It may frequently be seen completely covering the ponds with its delicate white flowers, when the effect is very beautiful.

- R. *hederaceus*, L. Ivy-leaved Crowfoot. June—August.

Frequent in wet places and shallow pools, especially about Red-hill, Earlswood Common, and Dover's Green.

- R. *Flammula*, L. Lesser Spearwort. June—August.

Abundant in boggy situations about Reigate Heath, Earlswood Common, &c.

- R. *Ficaria*, L. Pilewort Crowfoot, or Lesser Celandine. March—May.

Woods, banks, borders of fields, &c., in abundance.

“ See its varnished golden flowers  
Peeping through the chilling showers,  
Ere a leaf is on the bush,  
In the time before the thrush  
Has a thought about its nest,  
Thou wilt come with half a call,  
Spreading out thy glossy breast,  
Like a careless prodigal;  
Telling tales about the sun,  
When we've little warmth or none.”—*Wordsworth*.

- R. *auricomus*, L. Wood Crowfoot, Goldilocks. April, May.

Woods and hedges on and near the chalk.



- R. sceleratus*, L. Celery-leaved Crowfoot. June  
—September.

Margins of pools and ditches.

- R. acris*, L. Upright Meadow Crowfoot. June, July.

Meadows and pastures, very common.

- R. repens*, L. Creeping Crowfoot. May—August.

Meadows and pastures in moist situations.

- R. bulbosus*, L. Bulbous Crowfoot. May, June.

Meadows and pastures, abundant.

“Welcome, little *Buttercups*,  
Oh, ye pretty flowers,  
Coming ere the spring-time,  
To tell of sunny hours.  
While the trees are leafless,  
While the fields are bare,  
Golden, glossy *Buttercups*  
Spring up here and there.

“Welcome, little *Buttercups*,  
Welcome, Daisies white,  
Ye are in my spirit  
Visioned a delight.  
Coming ere the spring-time,  
Of sunny hours to tell,  
Speaking to our hearts of Him,  
Who doeth all things well.”—*A. Strickland*.

- R. hirsutus*, L. Pale Hairy Crowfoot. June—September.

Moist meadows and waste ground on a sandy soil.

- R. arvensis*, L. Corn Crowfoot. May, June.

Abundant in corn-fields, especially on and near the chalk.

*R. parviflorus*, L. Small-flowered Crowfoot. May  
—August.

The late Mr. Daniel Cooper, in his "Flora Metropolitana," records this little plant about Brockham and at the foot of Box Hill, but I have never met with it. A single specimen was found some years since, by Mr. Peter Martin, in the lane leading from Reigate Heath to Buckland Hill.

CALTHA. Marsh Marigold. N. O. RANUNCULACEÆ.

*C. palustris*, L. Common Marsh Marigold. March  
—June.

Very abundant in boggy situations, principally by streams, as at Littleton, &c.

## DIDYNAMIA—GYMNOSPERMIA.

MENTHA. Mint. N. O. LABIATÆ.

*M. rotundifolia*, L. Broad-leaved Mint. August,  
September.

By the stream near Hooley House, Red-hill.

*M. hirsuta*, L. Hairy Mint. August, September.  
Banks of ponds, ditches, and streams, plentiful.

*M. rubra*, Sm. Tall Red Mint. September.

Watery places near Dover's Green, and at Nutfield Marsh.

*M. arvensis*, L. Corn Mint. August, September.  
Abundant in corn-fields on the clay and chalk.

*M. agrestis*, Sole. Rugged Field Mint. August,  
September.

Plentiful in St. Leonard's Forest, Sussex.

- M. *Pulegium*, L. Penny-Royal Mint. August,  $\frac{1}{2}$  September.

Wet parts of Reigate Heath, and Earlswood Common.

THYMUS. Thyme. N. O. LABIATÆ.

- T. *Serpyllum*, L. Wild Thyme. July, August.  $\frac{1}{2}$   
Abundant on Reigate and Buckland Hills, the Park Hill, Red-hill, &c., the plant on the chalk hills is the  $\beta$  variety, *T. Chamædrys*, Fr.

"O'er fringed heaths, wide lawns, and mountain steeps,  
With silent step the fragrant *Thyma* creeps."

ORIGANUM. Marjoram. N. O. LABIATÆ.

- O. *vulgare*, L. Common Marjoram. July, August.  $\frac{1}{2}$   
Abundant on Reigate and Buckland Hills, and elsewhere on the chalk.

"The Thyme strong-scented 'neath one's feet,  
And *Marjoram* so doubly sweet."—*Clare*.

TEUCRIUM. Germander. N. O. LABIATÆ.

- T. *Scorodonia*, L. Wood Germander, or Wood Sage. July, August.  $\frac{1}{2}$

Very abundant in dry bushy situations.

- T. *Botrys*, L. Cut-leaved Annual Germander.  $\frac{1}{2}$   
August.

I am indebted to Mr. William Bennett, of Brockham, for kindly pointing out to me the only known locality for this rare and interesting plant. It is in a stony and steep valley facing the west, near the end of Box Hill farthest from Burford Bridge, at a considerable distance back from the front of the Hill, between that and Headley Lane.

T. *Chamædrys*, L. Wall Germander. July. H

I insert this plant with considerable hesitation, never having met with it myself, or with any one who can give me any information about it. Luxford gives Box Hill as a locality for it, on the authority of the late Mr. Thomas Smith.

AJUGA. Bugle. N. O. LABIATÆ.

A. *reptans*, L. Common Bugle. May. H

Abundant in woods and moist pastures.

A. *Chamæpitys*, Sm. Ground Pine, or Yellow Bugle. June—October.

Frequently in abundance in fallow fields, both on the top and below Buckland Hill. I have also met with it in fallow fields adjoining Headley Lane, near Mickleham.

*Below Buckland Hill.*

BALLOTA. Horehound. N. O. LABIATÆ.

B. *nigra*, L. Black Horehound. July, August.

In abundance on hedge-banks, waste ground, &c.

GALEOBDOLON. Weasel-Snout. N. O. LABIATÆ.

G. *luteum*, Huds. Yellow Weasel-Snout. May, June.

Woods, hedge-banks, and shady places, frequent.

GALEOPSIS. Hemp-nettle. N. O. LABIATÆ.

G. *Ladanum*, L. Red Hemp-nettle. August, September. H

Abundant about Reigate and Buckland Hills, and elsewhere on the chalk.

*G. Tetrahit*, L. Common Hemp-nettle. June, July.

Corn-fields and cultivated ground, common.

LAMIUM. Dead-nettle. N. O. LABIATÆ.

*L. album*, L. White Dead-nettle. April—July.  
Borders of fields and waste places, abundant.

*L. purpureum*, L. Red Dead-nettle. May—September.

Hedges, borders of fields, and waste places, generally.

*L. amplexicaule*, L. Henbit Dead-nettle. March—July.

Cultivated and waste ground on the sand, about Reigate Heath, Red-hill, &c.

*L. incisum*, Willd. Cut-leaved Dead-nettle. May, June.

Corn-fields, waste ground, &c., chiefly in sandy situations, not common.

BETONICA. Betony. N. O. LABIATÆ.

*B. officinalis*, L. Wood Betony. July, August.

Woods, hedge-banks, and borders of fields, frequent.

STACHYS. Woundwort. N. O. LABIATÆ.

*S. sylvatica*, L. Hedge Woundwort. July, August.

Woods, hedge-banks, &c., common.

*S. palustris*, L. Marsh Woundwort. August.

Moist fields; abundant in many of the corn-fields below Reigate Hill.

*S. arvensis*, L. Corn Woundwort. July, August.

Corn-fields at the foot of Reigate Hill, plentiful in corn-fields between Betchworth and Brockham.

NEPETA. Cat-mint. N. O. LABIATÆ.

N. *Cataria*, L. Common Cat-mint. July, August. 1 4

Reigate Heath, and by the road-side between the Heath and Buckland, plentiful on the borders of fields near the foot of Box Hill, on the south side.

GLECHOMA. Ground Ivy. N. O. LABIATÆ.

G. *hederacea*, L. Common Ground Ivy. April, May.

Abundant in hedges, woods, waste ground, &c.

MARRUBIUM. White Horehound. N. O. LABIATÆ.

M. *vulgare*, L. Common White Horehound. August.

On various parts of Reigate Heath. It is from this plant Horehound Tea is made, a well-known remedy for coughs; also Candied Horehound, a still more favourite preparation.

ACINOS. Basil-Thyme. N. O. LABIATÆ.

A. *vulgaris*, Pers. Common Basil-Thyme. August. 1

Frequent about Reigate Hill, and in cultivated fields both above and below the hill.

CALAMINTHA. Calamint. N. O. LABIATÆ.

C. *officinalis*, Mönch. Common Calamint. July, August.

On a bank left hand of the road between Nutfield and Bletchingley.

*C. Nepeta*, Pursh. Lesser Calamint. August.

On hedge-banks about Red-hill, and between Mickleham and Leatherhead.

CLINOPODIUM. Wild Basil. N. O. LABIATÆ.

*C. vulgare*, L. Common Wild Basil. August. H<sup>+</sup>

Frequent on hedge-banks, abundant about Reigate and Buckland Hills.

PRUNELLA. Self-heal. N. O. LABIATÆ.

*P. vulgaris*, L. Common Self-heal. July, August. H

Pastures and waste ground, common.

SCUTELLARIA. Skull-cap. N. O. LABIATÆ.

*S. galericulata*, L. Common Skull-cap. July, August. H

Banks of ponds and streams, frequent about Littleton, and on the banks of the Mole.

*S. minor*, L. Lesser Skull-cap. July, August. H<sup>1</sup>

Plentiful on the boggy parts of Reigate Heath.

## DIDYNAMIA—ANGIOSPERMIA.

BARTSIA. Bartsia. N. O. SCROPHULARINÆ.

*B. Odontites*, Huds. Red Bartsia. July, August. H

Corn-fields, road-sides, and waste places, common.

EUPHRASIA. Eye-bright. N. O. SCROPHULARINÆ.

*E. officinalis*, L. Common Eye-bright. July.

Abundant in pastures and heathy places, as Reigate Hill, Red-hill, Earlswood Common, Reigate Heath, &c.

RHINANTHUS. Yellow-rattle. N. O. SCRO-  
PHULARINEÆ.

R. *Crista-Galli*, L. Common Yellow-rattle. June. H<sup>+</sup>

Abundant in many of our meadows and pastures. I have been informed by farmers in this neighbourhood that an abundance of this plant in their meadows is a sure indication of a poor soil.

MELAMPYRUM. Cow-wheat. N. O. SCRO-  
PHULARINEÆ.

M. *pratense*, L. Common Yellow Cow-wheat. H<sup>+</sup>  
July, August.

Common in thickets, copses, woods, &c.

LATHRÆA. Tooth-wort. N. O. OROBANCHEÆ.

L. *squamaria*, L. Greater Tooth-wort. April, May. H<sup>+</sup>

The Rev. C. T. Smith some years since very kindly accompanied me to the locality recorded by Ray on Chapel Farm, in a hedge-row right hand of Westhumble Lane, near Dorking; since which I have met with it in abundance on the borders of a meadow left hand of the lane, a little beyond Ray's locality, and in a wood left hand of the turnpike road between Box Hill and Mickleham, nearly opposite Headley Lane, also in four different localities in woods about Chipstead.

PEDICULARIS. Louse-wort. N. O. SCROPHU-  
LARINEÆ.

P. *palustris*, L. Marsh Louse-wort. June, July. H<sup>+</sup>

Boggy situations about Reigate Heath.

P. *sylvatica*, L. Pasture Louse-wort. June, July. H<sup>+</sup>

Abundant on the watery parts of Reigate Heath.



ANTIRRHINUM. Snap-dragon. N. O. SCROPHULARINEÆ.

*A. majus*, L. Great Snapdragon. July, August. H  
Occasionally on old walls about Flanchford, and elsewhere.

*A. Orontium*, L. Lesser Snapdragon. July, August. H

Corn-fields about Red-hill, west of Reigate Heath, on Colley Farm, and elsewhere, principally on the sand.

LINARIA. Toad-flax. N. O. SCROPHULARINEÆ.

*L. Cymbalaria*, Mill. Ivy-leaved Toad-flax. May —October. H

On old walls. I have observed it in Lesborne Lane, and on a wall in Church Street, nearly opposite the Church Walk, and elsewhere, but it is not common in this district.

*L. spuria*, Mill. Round-leaved Toad-flax. July —September. H

Frequent in corn-fields, it is abundant in many of the corn-fields along the foot of the chalk hills.

*L. Elatine*, Desf. Sharp-pointed Toad-flax. July —September. H

More abundant than the last, in similar situations; they may generally be found growing together.

*L. vulgaris*, Mœnch. Yellow Toad-flax. July. H  
Borders of fields, on sandy banks, &c., plentiful.

*L. minor*, Desf. Least Toad-flax. June, July. L  
Corn-fields both above and below the chalk hills, plentiful.

SCROPHULARIA. Fig-wort. N. O. SCROPHULARINEÆ.

*S. nodosa*, L. Knotted Fig-wort. July.

Woods, moist thickets, &c., frequent.

*S. aquatica*, L. Water Fig-wort, or Water Betony. July.

Banks of ponds, streams, and watery places, abundant along the banks of the Mole.

DIGITALIS. Fox-glove. N. O. SCROPHULARINEÆ.

*D. purpurea*, L. Purple Fox-glove. June, July.

Common on hedge-banks in this district, but chiefly on a sandy or gravelly soil; this is one of the tallest and noblest of our herbaceous plants; the colouring of the flower is most gorgeous: it has obtained great reputation for its medicinal qualities.

LIMOSELLA. Mudwort. N. O. SCROPHULARINEÆ.

*L. aquatica*, L. Common Mudwort. July, August.

In several of the ditches on Walton Heath, and sides of a ditch on the Holmwood Common, Mr. A. W. Bennett. Margin of the pond on Shelwood Common, Mr. Edward T. Bennett.

VERBENA. Vervain. N. O. VERBENACEÆ.

*V. officinalis*, L. Common Vervain. July.

Road-sides and waste ground, frequent, abundant all along the chalk hills. This plant was used in the dark ages in connexion with the superstitious rites of heathen worship. The Romans used it to crown their heralds with when declaring war, or making peace.

“A wreath of *Vervain* heralds wear,  
 Amongst our garlands named;  
 Being sent, that dreadful news to bear,  
 Offensive war proclaimed.”

In some districts in the south of England it is believed that if a sprig of it is given by a lady to her lover, it will rivet his heart to the fair giver.

“There are fairer flowers that bloom on the lea,  
 And give out their fragrant scent to the gale;  
 But the *Vervain*, with charmed leaf, shall be,  
 The plant of our choosing, though scentless and pale.

“For wrapped in the veil of thy lowly flower,  
 They say that a powerful influence dwells,  
 And that duly culled in the star-bright hour,  
 Thou bindest the heart by thy powerful spells.”

*S. Waring.*

OROBANCHE. Broom-rape. N. O. OROBANCHEÆ.

*O. major*, L. Greater Broom-rape. June, July. 47

Among broom and furze on the south side of the Park Hill, and in a furze-field on Cockshot Hill.

*O. elatior*, Sutt. Tall Broom-rape. July, August.  
 Sparingly in the great Chalk-pit at Ashtead.

*O. minor*, Sm. Lesser Broom-rape. July, August. H  
 Abundant in clover-fields.

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TETRADYNAMIA—SILICULOSA.

*The Plants of this class constitute the Natural Order CRUCIFERÆ.*

## CORONOPUS. Wart-cress.

- C. Ruellii*, Sm. Common Wart-cress. June—<sup>H</sup>  
September.

Waste ground, frequent on Reigate Heath.

- C. didyma*, Sm. Lesser Wart-cress. July, August.

Mr. William Bennett, of Brockham, informs me he has met with this plant in tolerable abundance, by the lane leading from the Punch-bowl near Dorking to the Holmwood.

## THLASPI. Penny-cress.

- T. arvense*, L. Field Penny-cress. June, July. <sup>H</sup>  
Corn-fields below Reigate and Buckland Hills.

## CAPSELLA. Shepherd's Purse.

- C. Bursa-Pastoris*, D. C. Common Shepherd's <sup>H</sup>  
Purse. March—October.

Corn-fields and waste places everywhere, most abundant.

## TEESDALIA. Teesdalia.

- T. nudicaulis*, Br. Naked-stalked Teesdalia. May, <sup>H</sup>  
June.

Plentiful on Reigate Heath.

## IBERIS. Candy-tuft.

- I. amara*, L. Bitter Candy-tuft. July.

Very sparingly on the east end of Reigate Hill, Mr. William Hanson.

## LEPIDIUM. Pepper-wort.

- L. campestre*, Br. Common Pepper-wort. July. <sup>H</sup>

Corn-fields and road-sides, common.

- L. Smithii*, Hook. Smooth Field Pepper-wort. June, July.

Not uncommon in corn-fields, often confounded with the last, from which however it appears to be permanently distinct.

DRABA. Whitlow-grass.

- D. verna*, L. Common Whitlow-grass. March—May.

Frequent on old walls, dry banks, &c., one of the earliest heralds of Spring.

“ I love thee, pretty nursling  
Of vernal sun and rain,  
For thou art Flora’s firstling  
And leadest in her train.”

COCHLEARIA. Scurvy-grass, and Horse Radish.

- C. Armoracia*, L. Horse Radish. May, June.

Occasionally on waste ground, but always an outcast from gardens.

TETRADYNAMIA—SILICUOSA.

CARDAMINE. Bitter-cress.

- C. amara*, L. Large-flowered Bitter-cress. April, June.

Abundant in Alder copses about Littleton, Wonham Mill, &c., in a boggy soil. Mr. William Bennett informs me it is plentiful on the banks of the Mole at Pudding Hole, near Brockham.

- C. pratensis*, L. Common Bitter-cress, Lady’s Smock, or Cuckoo-flower. May.

Abundant in moist meadows and pastures.

*C. hirsuta*, L. Hairy Bitter-cress. April—June.

Moist shady places, banks of ditches, &c., frequent.

ARABIS. Rock-cress.

*A. hirsuta*, Br. Hairy Rock-cress. June.

Sparingly on the east end of Reigate Hill, and on Mickleham Downs.

BARBAREA. Winter-cress.

*B. vulgaris*, Br. Bitter Winter-cress, or Yellow Rocket. May—August.

Pasture, hedges, and waste ground, frequent.

NASTURTIIUM. Cress.

*N. officinale*, Br. Water Cress. July.

Ponds, streams, and ditches, common.

*N. terrestre*, Br. Marsh Nasturtium. July, August.

Watery parts of Earlswood Common.

*N. amphibium*, Br. Amphibious Nasturtium. June—August.

Ditches and watery places, frequent.

SISYMBRIUM. Hedge-Mustard.

*S. officinale*, L. Common Hedge-Mustard. June, July.

Waste ground and by road-sides, abundant.

*S. thalianum*, Hook. Common Thale-cress. April, May.

Walls, and dry sandy banks, common.

## ERYSIMUM. Treacle-Mustard.

- E. *cheiranthoides*, L. Worm-seed Treacle-Mustard. H  
July, August.

Watery places near Flanchford Bridge.

- E. *Alliaria*, L. Garlic Treacle-Mustard. May, H  
June.

Hedge-banks and waste places, very common.

## CHEIRANTHUS. Wall-flower.

- C. *Cheiri*, L. Common Wall-flower. April, May. H

Occasionally on old walls, but not truly wild; plentiful on a garden wall at Broom Park, Betchworth.

## HESPERIS. Dame's Violet.

- H. *matronalis*, L. Common Dame's Violet. May. H

The only locality in which I have met with this plant is on a slope a little to the north of the Engine-pond in Gatton Park, where there were several fine plants of it.

## BRASSICA. Cabbage, Turnip.

- B. *Napus*, L. Rape, or Cole-seed. Wild Navew. H  
May, June.

Corn-fields and waste ground.

- B. *Napa*, L. Common Turnip. April, May.

Cultivated fields and waste places, frequent.

## SINAPIS. Mustard.

- S. *arvensis*, L. Wild Mustard, or Charlock. May, H  
June.

Abundant in corn-fields.

*S. alba*, L. White Mustard. July.

Waste ground, frequent.

*S. nigra*, L. Common Mustard. June.

Under hedges, and on waste ground.

### RAPHANUS. Radish.

*R. Raphanistrum*, L. Wild Radish. June, July. ††

Common in corn-fields, especially on the sand.

### MONADELPHIA—PENTANDRIA.

ERODIUM. Stork's-bill. N. O. GERANIACEÆ.

*E. cicutarium*, Sm. Hemlock-leaved Stork's-bill. ††

May—August.

Abundant on waste and cultivated ground on the sand, as on Reigate Heath, Cockshot Hill, &c.

### MONADELPHIA—DECANDRIA.

GERANIUM. Crane's-bill. N. O. GERANIACEÆ.

*G. pratense*, L. Blue Meadow Crane's-bill. July. †

On hedge-banks below Reigate Hill, on London Land's Farm.

*G. Pyrenaicum*, L. Mountain Crane's-bill. June, July. ††

On hedge-banks right hand of the road between Mickleham and Leatherhead.

*G. robertianum*, L. Stinking Crane's-bill, or Herb ††

Robert. May—August.

Hedges, thickets, and waste ground, very common; there



is a variety with white flowers in the woods by the Fuller's-earth Pits at Nutfield.

*G. molle*, L. Dove's-foot Crane's-bill. April—August.

Dry pastures and waste places, common.

*G. pusillum*, L. Small-flowered Crane's-bill. June—September.

Frequent on waste ground in sandy situations.

*G. dissectum*, L. Jagged-leaved Crane's-bill. May, June.

Hedges, pastures, and waste places, common.

*G. columbinum*, L. Long-stalked Crane's-bill. June, July.

Frequent about Reigate and Buckland Hills, and in fallow fields above the hills; a very delicate and graceful little plant.

### MONADELPHIA—POLYANDRIA.

**MALVA.** Mallow. N. O. **MALVACEÆ.**

*M. sylvestris*, L. Common Mallow. June—August. Waste places and way-sides, very common.

*M. rotundifolia*, L. Dwarf Mallow. June—August.

Waste ground, way-sides, &c., common.

*M. moschata*, L. Musk Mallow. July, August. Meadows, pastures, and road-sides, frequent.

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### DIADELPHIA—HEXANDRIA.

**CORYDALIS.** Corydalis. N. O. **FUMARIACEÆ.**

*C. lutea*, Lindl. Yellow Corydalis. May, June.

Occasionally on old walls about Reigate and Dorking, but not truly wild.

*C. claviculata*, D. C. White climbing Corydalis.  
June, July.

Plentiful about the roots of trees in a wet copse at Littleton, right hand of the road, also in similar situations about Wonham, and west of Reigate Heath.

FUMARIA. Fumitory. N. O. FUMARIACEÆ.

*F. capreolata*, L. Ramping Fumitory. May—August.

In copses about Wotton, Mr. William Bennett.

*F. officinalis*, L. Common Fumitory. April—September.

Corn-fields, hedges, and way-sides, common.

*F. micrantha*, Lag. Small-flowered Fumitory.  
June—September.

Waste ground near the Railway station at Epsom, Mr. Syme. Corn-fields about Tatsfield, Mr. William Bennett.

*F. parviflora*, Lam. Small-flowered Fumitory.  
August.

Corn-fields near Burford Bridge, Mr. William Hanson. Cooper, in his "Flora Metropolitana," gives corn-fields about Brockham.

DIADELPHIA—OCTANDRIA.

POLYGALA. Milkwort. N. O. POLYGALACEÆ.

*P. vulgaris*, L. Common Milkwort. June, July.

Pastures and heaths, very common.

*P. calcarea*, Schultz. Calcareous Milkwort. June, July.

This beautiful little plant that has so long been confounded with the preceding is abundant on Reigate and Buckland Hills, the colour of the flower is equally variable with the last. I have met with it with pink, white, and blue flowers; it may readily be distinguished by its large whorled tufts of leaves, and by the lower part of the stem being quite destitute of leaves.

### DIADELPHIA—DECANDRIA.

ULEX. Furze. N. O. LEGUMINOSÆ.

*U. Europæus*, L. Common Furze. February—November.

Heaths, commons, &c., in abundance. It is stated of the great naturalist Linnæus that "he had never seen this plant till he came to England, when passing a common that was covered with its golden blossoms, he stopped to admire it, and forgetting his company, and the place where he was, he, in raptures of delight, and with a sincere and grateful heart, fell upon his knees, and thanked God that he had lived to see so beautiful a plant."

"On me such beauties summer pours,  
That I am covered o'er with flowers;  
And when the frost is in the sky,  
My branches are so fresh and gay,  
That you might look at me and say,  
This plant can never die!  
The butterfly all green and gold,  
To me hath often flown,  
Here in my blossoms to behold,  
Wings lovely as his own!"—*Wordsworth*.

*U. nanus*, Forst. Dwarf Furze. July—October.

Reigate Heath, Red-hill, and Earlswood Common, in abundance.

GENISTA. Green-weed. N. O. LEGUMINOSÆ.

*G. tinctoria*, L. Dyer's Green-weed. July,  
August.

The Holmwood, near Dorking, sides of the road between  
Godstone and the Godstone Railway station, and in Tilgate  
Forest.

*G. anglica*, L. Needle Green-weed. June.

West end of Reigate Heath, and in St. Leonard's Forest.

CYTISUS. Broom. N. O. LEGUMINOSÆ.

*C. scoparius*, D. C. Common Broom. June.

Abundant on the Park Hill, and in similar situations.

ONONIS. Rest-harrow. N. O. LEGUMINOSÆ.

*O. arvensis*, L. Common Rest-harrow. June—  
August.

Barren pastures, borders of fields, &c., in profusion on  
Reigate and Buckland Hills.

*O. antiquorum*, L. Prickly Rest-harrow. June  
—August.

Frequent on Reigate and Buckland Hills.

ANTHYLLIS. Kidney-vetch. N. O. LEGUMI-  
NOSÆ.

*A. vulneraria*, L. Common Kidney-vetch. June  
—August.

Reigate and Buckland Hills, &c., plentiful.

OROBUS. Bitter-vetch. N. O. LEGUMINOSÆ.

- O. tuberosus*, L. Tuberous Bitter-vetch. May, June.

Woods, thickets, and bushy places, frequent.

LATHYRUS. Vetchling, and Everlasting-Pea.  
N. O. LEGUMINOSÆ.

- L. Nissolia*, L. Crimson Grass Vetch. June, July.

Plentiful on a bank left hand of the road between Nutwood Lodge and Gatton Corner, on a hedge-bank on Linkfield Farm, near Wray Common, hedge-banks on Colley Farm, and about Charlwood. A most elegant and graceful little plant.

- L. pratensis*, L. Meadow Vetchling. July, August.

Moist meadows and pastures, frequent.

- L. sylvestris*, L. Narrow-leaved Everlasting-Pea. July, August.

This beautiful plant is in profusion on several of the hedge-banks on the range of hills east of Merstham, sometimes climbing above the tops of the hedges, when its appearance is very graceful, with its large clusters of purple flowers.

VICIA. Vetch. N. O. LEGUMINOSÆ.

- V. Cracca*, L. Tufted Vetch. July, August.

Frequent in woods, thickets, and hedges, adorning them with its rich clusters of purple flowers.

—"Purple tassels of the tangling vetch  
Hang elegant."

- V. sativa*, L. Common Vetch. June.

Hedges and borders of fields, frequent.



- V. angustifolia*, Sibth. Narrow-leaved Crimson Vetch. June. 11

Dry banks and pastures, not uncommon.

- V. sepium*, L. Bush Vetch. June, July. 11  
Woods and shady places, frequent.

- V. tetrasperma*, Lois. Slender Tare. June—August. 11

Banks of the lane leading from Reigate Heath to Wonham Mill.

- V. hirsuta*, Koch. Hairy Tare. June—August. 11  
Fields, hedge-banks, &c., frequent.

ASTRAGALUS. Milk-vetch. N. O. LEGUMINOSÆ.

- A. glycyphyllus*, L. Sweet Milk-vetch. July. H  
On the hills about a mile east of Merstham, plentiful.

ORNITHOPUS. Bird's-foot. N. O. LEGUMINOSÆ.

- O. perpusillus*, L. Common Bird's-foot. June—August.

On Reigate Heath and elsewhere in dry sandy situations.

“Did you ever see the *Bird's-foot*,  
When growing on the sand,  
A pretty, little, spreading plant,  
Scarce larger than your hand?

“Did you e'er see its whitish flowers,  
All striped and tinged with red,  
Attended by a bright green leaf,  
And gathered in a head?

“ Did you e’er see the leaves themselves,  
Of little leaflets made,  
Or pluck its curved and jointed fruit?  
If so, you’ve been repaid.

“ If not,—go search the commons round,  
’Tis delicate and fair,  
And though so often called a weed,  
It well deserves your care.”

**HIPPOCREPIS.** Horse-shoe Vetch. N. O. LEGUMINOSÆ.

*H. comosa*, L. Tufted Horse-shoe Vetch. July. Frequent on Reigate and Buckland Hills.

**ONOBRYCHIS.** Saint-foin. N. O. LEGUMINOSÆ.

*O. sativa*, Lam. Common Saint-foin. June, July. Reigate and Buckland Hills, plentiful.

**MELILOTUS.** Melilot. N. O. LEGUMINOSÆ.

*M. officinalis*, Lam. Common Yellow Melilot. June, July.

Plentiful in woods and bushy places below Reigate Hill.

*M. leucantha*, Koch. White Melilot. July, August.

I have met with this plant very sparingly between Merstham and Hooley Lane, on the banks of earth thrown up when the Railway was made.

**TRIFOLIUM.** Trefoil. N. O. LEGUMINOSÆ.

*T. repens*, L. White Trefoil, or Dutch Clover. May—August.

Meadows and pastures, common.

- T. subterraneum*, L. Subterraneous Trefoil. May, H<sup>+</sup>  
June.

Frequent on dry sandy banks about Red-hill, Reigate Heath, &c.

- T. pratense*, L. Common Purple Trefoil. June—H<sup>+</sup>  
August.

Meadows and pastures, common.

- T. medium*, L. Zigzag Trefoil. July. H<sup>+</sup>

Dry pastures and waste places, frequent.

- T. arvense*, L. Hare's-foot Trefoil. July, August. H<sup>+</sup>

Dry sandy situations, plentiful on Reigate Heath, Cockshot Hill, &c.

- T. striatum*, L. Soft Knotted Trefoil. June. H<sup>+</sup>

Frequent in dry sandy situations on Red-hill, the Park Hill, and elsewhere.

- T. fragiferum*, L. Strawberry-headed Trefoil.  
July, August.

I have met with this in several situations below the hills, in damp meadows, &c. It is very plentiful on Wray Common, left hand of the London road, and also by the side of the road between Wray Common and Merstham.

- T. procumbens*, L. Hop Trefoil. June, July. H<sup>+</sup>

Pastures and borders of fields, frequent.

- T. filiforme*, L. Lesser Yellow Trefoil. June,  
July.

Pastures, road-sides, &c., common.

- LOTUS. Bird's-foot Trefoil. N. O. LEGUMINOSÆ.

- L. corniculatus*, L. Common Bird's-foot Trefoil.  
July, August.

Meadows, pastures, &c., in abundance.



*L. major*, Scop. Greater Bird's-foot Trefoil. July, H  
August.

Plentiful on the wet parts of Reigate Heath, and elsewhere  
in moist bushy places.

MEDICAGO. Medick. N. O. LEGUMINOSÆ.

*M. sativa*, L. Purple Medick, or Lucerne. June, H  
July.

Dry, gravelly banks, &c., abundant on the Railway banks  
between Colley and Buckland.

*M. lupulina*, L. Black Medick, or Nonsuch. May H  
—August.

Abundant in waste ground and cultivated fields.

## POLYADELPHIA—POLYANDRIA.

HYPERICUM. St. John's-wort. N. O. HYPE-  
RICINÆ.

*H. calycinum*, L. Large-flowered St. John's-wort. H  
July—September.

This showy and beautiful plant is in the greatest abundance in two or three of the woods north of Box Hill, and there is a considerable quantity of it on a high bank right hand of the road between Box Hill and Mickleham; probably not truly wild, but at any rate it is so thoroughly established that I cannot pass it by without notice.

*H. Androsæmum*, L. Tutsan. July.

Woods and bushy places about Redstone Hill, and between that and Nutfield, frequent in copses below Crawley.

*H. quadrangulum*, L. Square-stalked St. John's-wort. July.

Sides of ditches and ponds, frequent, Earlswood Common,  
Reigate Heath, &c.

*H. perforatum*, L. Common Perforated St. John's-  
wort. July.

Hedges and thickets, very common.

"The young maid stole through the cottage door,  
And blushed as she sought the plant of power :  
Thou silver glow-worm, O lend me thy light !  
I must gather the mystic *St. John's-wort* to-night,  
The wonderful herb, whose leaf will decide,  
If the coming year shall see me a bride."

*H. humifusum*, L. Trailing St. John's-wort. July, <sup>11</sup>  
August.

Frequent on Reigate Heath, Red-hill, Cockshot Hill, &c.

*H. montanum*, L. Mountain St. John's-wort.  
July.

Hedges and thickets on Reigate and Buckland Hills.

*H. hirsutum*, L. Hairy St. John's-wort. July. <sup>14</sup>  
Hedges, woods, and thickets, on Reigate and Buckland  
Hills.

*H. pulchrum*, L. Small upright St. John's-wort. <sup>1</sup>  
July.

Hedges and bushy places about Reigate Heath, the Park  
Hill, Red-hill, Nutfield, &c.

"*Hypericum*, all bloom, so thick a swarm  
Of flowers, like flies, clothing its slender rods  
That scarce a leaf appears."—*Cowper*.

*H. elodes*, L. Marsh St. John's-wort. July, <sup>11</sup>  
August.

Abundant in the bogs on Reigate Heath, and at Leith  
Hill.

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## SYNGENESIA—ÆQUALIS.

*The plants of this class constitute the Natural Order COMPOSITÆ.*

## TRAGOPOGON. Goat's-beard.

- T. pratensis*, L. Yellow Goat's-beard. June. H.  
Meadows and pastures.
- T. pratensis*  $\beta$ , L. (*T. minor*, Fries.) Lesser H.  
Yellow Goat's-beard. June.  
Meadows and pastures, frequent.
- T. porrifolius*, L. Purple Goat's-beard. May,  
June.  
Plentiful on Railway banks about Croydon, Mr. Syme.

## HELMINTHIA. Ox-tongue.

- H. echinoides*, Gærtn. Bristly Ox-tongue. June, H  
July.  
Borders of fields chiefly on a clay soil; frequent near  
Wray Common.

## PICRIS. Picris.

- P. hieracioides*, L. Hawk-weed Picris. July, H  
August.  
Waste places and borders of fields about Reigate Hill.

## SONCHUS. Sow-thistle.

- S. arvensis*, L. Corn Sow-thistle. August. H  
Corn-fields, frequently in abundance.
- S. oleraceus*, L. Common Sow-thistle. June—H  
August.  
Waste places and cultivated ground, very common.

## APARGIA. Hawk-bit.

*A. hispida*, Willd. Rough Hawk-bit. June, July. 4  
Frequent on Reigate and Buckland Hills.

*A. autumnalis*, Willd. Autumnal Hawk-bit. 11  
August.

Meadows and pastures, frequent.

## THRINCIA. Thrincia.

*T. hirta*, Roch. Hairy Thrincia. July, August.

Earlswood Common, Mr. William Hanson; Betchworth  
Hill, Mr. William Bennett.

## HYPOCHÆRIS. Cat's-ear.

*H. radicata*, L. Long-rooted Cat's-ear. July. 11

Meadows, pastures, &c., not unfrequent on Reigate  
Heath.

## LATTUCA. Lettuce.

*L. muralis*, Lees. Ivy-leaved Lettuce. July.

Old walls and bushy places; plentiful in a lane leading  
from Linkfield Street to Wray Common, Gatton woods, &c.

## CREPIS. Hawk's-beard.

*C. virens*, L. Smooth Hawk's-beard. July.

Meadows, pastures, banks, &c., frequent.

## LEONTODON. Dandelion.

*L. Taraxacum*, L. Common Dandelion. March  
—October.

Meadows, pastures, &c., everywhere.

## HIERACIUM. Hawk-weed.

- H. Pilosella*, L. Common Mouse-ear Hawk-weed. p  
May, June.

Dry banks and pastures, frequent.

- H. murorum*, L. Wall Hawk-weed. July, August.

Left hand of the lane leading from the Dorking road near Buckland, to Buckland Hill, frequent on the banks of lanes about Dorking.

- H. sylvaticum*, Sm. Wood Hawk-weed. July, August.

Plentiful in woods between Godstone and the Godstone Railway station, and in woods about Dorking, the Holmwood, &c.

- H. boreale*, Fries. Shrubby broad-leaved Hawk-weed. August, September.

Banks of the lane between Linkfield Street and Wray Common, and about the sand-pits at Betchworth.

- H. umbellatum*, L. Narrow-leaved Hawk-weed. August, September.

Not unfrequent on dry sandy banks, it is very plentiful with the preceding at Betchworth.

## LAPSANA. Nipple-wort.

- L. communis*, L. Common Nipple-wort. August. f

Waste and cultivated ground, common.

## CICHORIUM. Succory.

- C. Intybus*, L. Wild Succory. July, August. T. 4

Plentiful about the borders of fields, and waste places at the foot of Reigate, Buckland, Betchworth, and Box Hills, also by the side of the road between Betchworth and Dorking.

## ARCTIUM. Burdock.

*A. Lappa*, L. Common Burdock. July, August. H

Waste places and way-sides, common.

*A. Lappa*  $\beta$ , L. (*A. Bardana*, Willd.) Woolly-headed Burdock. July, August.

Equally common with the last, and in similar situations.

## SERRATULA. Saw-wort.

*S. tinctoria*, L. Common Saw-wort. August. H

Common in hedges about Outwood, and at Crawley.

## CARDUUS. Thistle.

*C. nutans*, L. Musk Thistle. July, August. H

Common in fallow fields above Reigate, and Buckland Hills.

*C. acanthoides*, L. Watted Thistle. June, July.

Waste places, road-sides, &c., very common.

*C. Marianus*, L. Milk Thistle. July.

Sparingly on Smitham Bottom.

## CNICUS. Plume-thistle.

*C. lanceolatus*, Willd. Spear Plume-thistle. July, August.

Pastures, waste ground, road-sides, &c., common.

*C. palustris*, Willd. Marsh Plume-thistle. July. H

Moist meadows and shady places, frequent

*C. arvensis*, Hoffm. Creeping Plume-thistle. July.

Fields and way-sides, abundant.

*C. pratensis*, Willd. Meadow Plume-thistle. July.

Abundant in the boggy parts of Tilgate Forest, and in bogs at the foot of Leith Hill.

*C. acaulis*, Willd. Dwarf Plume-thistle. July. H

Plentiful on Reigate Heath, the Park Hill, Red-hill, Reigate Hill, &c.

### ONOPORDUM. Cotton-thistle.

*O. Acanthium*, L. Common Cotton-thistle. August.

Waste ground on Smitham Bottom.

### CARLINA. Carline-thistle.

*C. vulgaris*, L. Common Carline-thistle. June—H  
August.

Frequent on Reigate Hill, Red-hill, and Earlswood Common.

### BIDENS. Bur-marigold.

*B. cernua*, L. Nodding Bur-marigold. June—H  
August.

Watery places about Red-hill, Earlswood Common, Nutfield, &c.

*B. tripartita*, L. Trifid Bur-marigold. July. H

Common in ditches and watery places about Red-hill, Earlswood Common, &c.

### EUPATORIUM. Hemp-agrimony.

*E. cannabinum*, L. Common Hemp-agrimony. H  
July, August.

Watery places about Littleton, and between Reigate Heath and Buckland, also in woods about Gatton Park and elsewhere.

## SYNGENESIA—SUPERFLUA.

## TANACETUM. Tansy.

*T. vulgare*, L. Common Tansy. August.

Frequent on the banks of the Mole about Flanchford, Brockham, and elsewhere.

## ARTEMISIA. Wormwood, Mugwort.

*A. Absinthium*, L. Common Wormwood. August.

I once had specimens brought me, that were collected either about Banstead or Epsom, but I am unable to give the exact locality. Mr. William Bennett informs me he has found it on a piece of waste ground, at the corner of two lanes in the parish of Chipstead.

*A. vulgaris*, L. Mugwort. August.

Hedges and waste ground, very common.

## GNAPHALIUM. Cudweed.

*G. sylvatica*  $\beta$ , L. (*G. rectum*, Huds.) Upright Cudweed. July, August.

On Redstone Hill, right hand of the road to Nutfield, plentiful in various parts of Tilgate Forest, and between Dorking and Leith Hill.

*G. uliginosum*, L. Marsh Cudweed. August, September.

Frequent in wet sandy situations, abundant on Reigate Heath.

## FILAGO. Filago.

*F. minima*, Fries. Least Filago. July, August.

Frequent about Reigate Heath and Red-hill.



*F. Germanica*, L. Common Filago. June, July. H

Abundant in corn-fields, waste ground, road-sides, &c., in sandy situations.

### PETASITES. Butter-bur.

*P. vulgaris*, Desf. Common Butter-bur. April, May.

Watery places at Merstham, Betchworth, and Limsfield.

### TUSSILAGO. Colt's-foot.

*T. Farfara*, L. Common Colt's-foot. March, April.

Very abundant on chalky and clay soils, in corn-fields, waste ground, road-sides, &c., the leaves of this and the last do not appear until after the flowers are over.

### ERIGERON. Flea-bane.

*E. acris*, L. Blue Flea-bane. July, August. H

Plentiful on Reigate and Buckland Hills, about Gatton and elsewhere, principally on the chalk.

*E. annuus*, L. August. Old wall round Doods farm. H

### SENECIO. Groundsel.

*S. vulgaris*, L. Common Groundsel. March—November. H

Waste and cultivated ground, everywhere.

*S. sylvaticus*, L. Mountain Groundsel. July. H

Sandy fields and banks about Red-hill, Cockshot Hill, and elsewhere, frequent.

*S. tenuifolius*, Jacq. Hoary Ragwort. July, August. H

Hedges and bushy places about Reigate and Buckland Hills, Red-hill, &c.

*S. Jacobæa*, L. Common Ragwort. July, August.

Road-sides, pastures, &c., plentiful.

*S. aquaticus*, Huds. Marsh Ragwort. July, August.

Plentiful in wet pastures between Reigate Heath and Buckland, and near the Railway station at Red-hill.

SOLIDAGO. Golden-rod.

*S. Virgaurea*, L. Common Golden-rod. July—September.

Frequent in bushy places about Cockshot Hill, Red-hill, Reigate Heath, the Park Hill, and elsewhere.

INULA. Spikenard.

*I. Conyza*, D. C. Plowman's Spikenard. August, September.

Frequent in bushy places about Reigate and Buckland Hill, Gatton, &c.

PULICARIA. Flea-bane.

*P. dysenterica*, Cass. Common Flea-bane. August, September.

Moist watery places, very common.

*P. vulgaris*, Gärttn. Small Flea-bane. September.

Frequent in moist situations on the clay, Earlswood Common, Dover's Green, Leigh Green, &c.

BELLIS. Daisy.

*B. perennis*, L. Common Daisy. February—November.

Meadows, pastures, &c., everywhere.

“ Small service is true service whilst it lasts,  
Of friends however humble scorn not one;  
The *Daisy*, by the shadow that it casts,  
Protects the ling’ring dew-drop from the sun.”—  
*Wordsworth.*

The following lines on this favourite flower are too beautiful to be omitted.

“ Not worlds on worlds in phalanx deep,  
Need we to prove a God is here,  
The *Daisy*, fresh from winter’s sleep,  
Tells of His hand in lines as clear.

“ For who but He who arched the skies,  
And pours the day-spring’s living flood,  
Wondrous alike in all He tries,  
Could raise the *Daisy’s* purple bud ;

“ Mould its green cup, its wiry stem,  
Its fringed border nicely spin,  
And cut the gold-embossed gem,  
That, set in silver, gleams within ;

“ Then fling it unrestrained and free,  
O’er hill and dale and desert sod,  
That man, where’er he walks may see  
In every step the stamp of God ? ”—*Mason Good.*

### CHRYSANTHEMUM. Ox-eye.

C. *Leucanthemum*, L. Great White Ox-eye. <sup>H</sup>  
June, July.

Dry pastures, banks, &c., common.

C. *segetum*, L. Corn Marigold, or Yellow Ox-eye. <sup>H</sup>  
June—August.

Abundant in corn-fields in sandy situations.

## PYRETHRUM. Feverfew.

- P. Parthenium*, Sm. Common Feverfew. July.

Banks of the lane leading from Wray Common to Link-field Street.

- P. inodorum*, Sm. Corn Feverfew. August, September.

Corn-fields and waste ground.

## MATRICARIA. Wild Chamomile.

- M. Chamomilla*, L. Wild Chamomile. May—July.

Corn-fields, hedge-banks, and waste ground, very common.

## ANTHEMIS. Chamomile.

- A. nobilis*, L. Common Chamomile. August.

Abundant on Reigate Heath, Red-hill, Earlswood Common, and elsewhere.

- A. Cotula*, L. Stinking Chamomile. July, August.

Waste ground, road-sides, corn-fields, &c., frequent.

## ACHILLEA. Yarrow.

- A. Ptarmica*, L. Sneezewort Yarrow. July, August.

Plentiful by the side of the road between Gatton Corner and Merstham, moist meadows about Flanchford, sides of the road between Godstone and the Godstone Railway station, and in Tilgate and St. Leonard's Forests.

- A. Millefolium*, L. Common Yarrow or Milfoil. May—August.

Meadows, pastures, waste places, road-sides, &c., in abundance.

“Green *Yarrow*! nature’s simplest child,  
 Thy leaves of emerald green,  
 And silvery blossom undefiled,  
 In rugged path or barren wild,  
 The traveller passes by,  
 With reckless glance and careless tread,  
 Nor marks the kindly carpet spread,  
 Beneath his thankless feet.  
 So poor a meed of sympathy,  
 Do gracious herbs of low degree,  
 From haughty mortals meet.”—*Strickland*.

## SYNGENESIA—FRUSTRANEA.

CENTAUREA. Knapweed, Blue-Bottle, and  
 Star-thistle.

*C. nigra*, L. Black Knapweed. June—August. H  
 Meadows and pastures, frequent.

*C. Cyanus*, L. Corn Blue-Bottle. July, August. H  
 Frequent in corn-fields on the sand.

“The blue *Cyanus* we’ll not forget,  
 ’Tis the gem of the harvest coronet.”

*C. scabiosa*, L. Greater Knapweed. July, August. H  
 Dry pastures and waste ground; in abundance on Reigate  
 and Buckland Hills.

## GYNANDRIA—MONANDRIA.

*The whole of the plants in this class belong to  
 the Natural Order ORCHIDACEÆ.*

ORCHIS. Orchis.

- O. Morio*, L. Green-winged Meadow Orchis. May, June.

Plentiful in meadows on the High Trees' Farm, meadows about Charlwood, &c.

- O. mascula*, L. Early Purple Orchis. May, June.

Frequent in woods and copses, especially about Wray Common, Colley Farm, Reigate and Buckland Hills, and elsewhere.

- O. ustulata*, L. Dwarf Dark-winged Orchis. May, June.

Abundant on some parts of Buckland Hill, very sparingly on Reigate Hill.

- O. fusea*, Jacq. Great Brown-winged Orchis. May, June.

"Found on Buckland Hill by the Rev. W. Wood, Prebendary of Canterbury, and the late Mr. Thomas Smith," *Luxford's Flora*. Mr. John Henness, who formerly resided here, once found several specimens in this locality. I have never been able to meet with it, although I have repeatedly searched for it.

- O. tephrosanthos*, V. Monkey Orchis. May, June.

A single specimen of this beautiful Orchis was found by Miss Porter, in a copse near the Upper Lodge of Gatton Park, at the beginning of June 1853; shortly after which I visited the spot in hopes of finding more of it, but was unsuccessful. The gardener told me that he had seen it in the same spot on two or three occasions.

- O. pyramidalis*, L. Pyramidal Orchis. July.

Frequent about Reigate and Buckland Hills, Gatton Park, &c.

- O. latifolia*, L. Marsh Orchis. June.

Wet meadows and pastures between Reigate Heath and Buckland, on the left hand of the Dorking road.

*O. maculata*, L. Spotted Palmate Orchis. June, July.

Frequent on Reigate and Buckland Hills, bogs about Reigate Heath, and moist woods generally.

### GYMNADENIA. *Gymnadenia*.

*G. conopsea*, Br. Fragrant *Gymnadenia*. June, July.

Abundant all along the chalk range from Reigate to Dorking, frequently varying with white flowers.

### HABENARIA. *Habenaria*, Butterfly-Orchis.

*H. viridis*, Br. Green *Habenaria*. June, July.

The late Mr. George Luxford informed me this plant was tolerably plentiful on Smitham Bottom, between Merstham and Croydon.

*H. bifolia*, Br. Lesser Butterfly-Orchis. June.

Reigate and Buckland Hills, not unfrequent.

*H. chlorantha*, Bab. Greater Butterfly-Orchis. June.

Frequent in moist woods below the chalk range, and near the Fuller's-earth pits at Nutfield. The chief difference between this and the last is, that in the former the anther cells are parallel, whilst in this they are twice as widely separated at the base as at the apex.

### ACERAS. *Man-Orchis*.

*A. anthropophora*, Br. Green *Man-Orchis*. June.

Frequent on Reigate and Buckland Hills.

## HERMINIUM. Musk-Orchis.

*H. monorchis*, Br. Green Musk-Orchis. June, H  
July.

Abundant in Norbury Park near Mickleham, and on grassy banks left hand of the lane leading from Mickleham to Headley, also on various parts of Box Hill. I have seen specimens, collected by Luxford on Reigate Hill, but I fear that locality is now destroyed, never having been able to find it there myself.

## OPHRYS. Ophrys.

*O. apifera*, Huds. Bee Ophrys. June, July.

Frequent in grassy places on Reigate and Buckland Hills, also on Box Hill, and about Mickleham.

“Bright insect-seeming flower! Thou art indeed

Of thy gay family a curious child.

When first I met with thee, upspringing wild

Hard by the path, where did my footsteps lead.

How, caught with admiration, did I stop,

And cull thee from amidst the grassy spires!

“One might have thought thou wert some vagrant bee,

Erst marked by Flora, settled on a stem.

Who, sportively, the quaint device to see,

Transformed the insect to a floral gem.

Still springing fresh, through all succeeding years,

Gay as thy sister-flowers—bright as thy winged compeers!”

*O. arachnites*, Willd. Late Spider Ophrys. June.

On two or three occasions I have met with what I considered to be only an accidental variety of *O. apifera*, on Buckland Hill, with the point of the lobe not reflexed but pointing forward, and with the calyx leaves white; the last time I saw this, the late Professor Forbes was with me, and on calling his attention to it, he at once pronounced it to be



*O. arachnites*; I gave the specimen to him, and have not therefore one to refer to.

*O. muscifera*, Huds. Fly Ophrys. May, June.

Frequent in bushy places about Reigate and Buckland Hills.

NEOTTIA. Lady's-tresses.

*N. spiralis*, Rich. Fragrant Lady's-tresses.

August, September.

On Reigate Heath, right hand of the road to Dorking, plentiful on the top of Reigate Hill near the Beeches, also on Betchworth and Box Hills.

LISTERA. Bird's-nest and Tway-blade.

*L. ovata*, Br. Common Tway-blade. June.

Frequent in damp woods and thickets on Colley Farm, about Wray Common, Nutfield, and elsewhere.

*L. Nidus-Avis*, Hook. Common Bird's-Nest. May, June.

Sparingly under the Beeches on Reigate Hill, woods about Wray Common, Nutwood in Gatton Park, and more plentiful in woods near the Fuller's-earth pits at Nutfield.

EPIPACTIS. Helleborine.

*E. latifolia*, Sw. Broad-leaved Helleborine. July, August.

Plentiful in a copse right hand of the London road a little beyond Wray Common, Nutwood in Gatton Park, under bushes at the east end of Reigate Hill near the top of the Wray Lane, and in woods about Chipstead.

*E. purpurata*, Sm. Purple Helleborine. July, August.

In woods on the top of Colley Hill, woods about Gatton, and plentiful in copses and shaws on Kingswood Farm. On Box Hill, Mr. William Bennett. I believe this to be perfectly distinct from the preceding, and cannot imagine how any one who has seen them both in a growing state, as they are in this district, can think one is merely a variety of the other. I suspect those who have so described them have never seen our *E. purpurata*, at any rate not in a living state, but only a variety of *E. latifolia*, similar to that figured in "English Botany," t. 2775, under the name *E. purpurata*, and which is doubtless only a variety of *E. latifolia*, and very distinct from our plant, which I consider is Smith's *E. purpurata*. I shall be pleased to send living specimens to any one who may wish to investigate the subject at the proper season, when in flower.

*E. palustris*, Sw. Marsh Helleborine. July.

Plentiful in a marshy situation among Willows below the pond east of Merstham. I have never been able to find it on or near Box Hill.

*E. grandiflora*, Sm. Large White Helleborine. June.

Plentiful under the Beeches on Reigate Hill, and in most of the woods on the chalk.

*E. ensifolia*, Sw. Narrow-leaved White Helleborine. May, June.

Plentiful at the east end of Sir Lucas Pepys' wood, between Headley lane and Mickleham Downs, near that far-famed entomological spot, "The hilly field."

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## MONOECIA—MONANDRIA.

EUPHORBIA. Spurge. N. O. EUPHORBIACEÆ.

*E. helioscopia*, L. Sun Spurge. July, August. H  
Frequent in waste and cultivated ground.

*E. platyphylla*, L. Broad-leaved Warty Spurge. H  
July, August.

Plentiful in corn-fields on the top of Buckland Hill, near the Hermitage. Mr. Edward T. Bennett has found it in corn-fields about Capel.

*E. exigua*, L. Dwarf Spurge. July, August. H  
Abundant in corn-fields.

*E. Peplus*, L. Petty Spurge. July, August. H  
Abundant in cultivated and waste ground.

*E. amygdaloides*, L. Wood Spurge. March—H  
May.

Thickets by the Wray Lane, wood beyond Wray Common right hand of the London road, Nutwood, woods about Nutfield, &c.

CALITRICHE. Water-starwort. N. O. HALO-  
RAGÆ.

*C. verna*, L. Vernal Water-starwort. April, May. \  
Frequent in ditches, pools, and watery places.

### MONOECIA—TRIANDRIA.

TYPHA. Cat's-tail or Reed-mace. N. O. AROI-  
DEÆ.

*T. latifolia*, L. Great Reed-mace. July, August. H  
Borders of ponds and slow streams, frequent.

*T. angustifolia*, L. Lesser Reed-mace. July.  
Plentiful in Gatton pond, and in a pond east of Merstham.

SPARGANIUM. Bur-reed. N. O. AROIDEÆ.

*S. ramosum*, Huds. Branched Bur-reed. July. †

Abundant in ditches and watery places, the Moors, banks of the Mole, &c.

*S. simplex*, Huds. Unbranched Bur-reed. June, July.

Wet parts of Earlswood Common, about New pond.

CAREX. Carex. N. O. CYPERACEÆ.

*C. pulicaris*, L. Flea Carex. May, June.

Bogs on Reigate Heath, Earlswood Common, &c.

*C. stellulata*, Gooden. Little Prickly Carex. May, June.

Boggy parts of Reigate Heath, plentiful.

*C. ovalis*, Gooden. Oval Spiked Carex. June.

Damp situations on Reigate Heath and Red-hill.

*C. curta*, Gooden. White Carex. May, June.

Plentiful in bogs on Reigate Heath.

*C. remota*, L. Distant-spiked Carex. June.

Frequent in hedges, woods, and shady places.

*C. axillaris*, Gooden. Axillary-clustered Carex. June.

Wood left hand of the lane leading from Reigate Heath to Buckland Hill, and in an Alder plantation at Woodhatch, Mr. William Hanson.

*C. Boenninghausiana*, Weihe. Boenninghausen's Carex. June.

This plant was found some years since rather plentifully in this neighbourhood by Mr. William Hanson, but I do not know the precise locality.

- C. intermedia*, Gooden. Soft Brown Carex. June.  
Ditch near Blackboro' windmill, Mr. William Hanson.
- C. muricata*, L. Greater Prickly Carex. May,  
June.  
Frequent in marshy situations.
- C. divulsa*, Gooden. Grey Carex. May.  
Moist situations on Reigate Heath, Mr. William Hanson.
- C. vulpina*, L. Great Carex. June.  
Marshy situations near the Railway station at Red-hill,  
and west of Reigate Heath.
- C. teretiuscula*, Gooden. Lesser Panicked Carex.  
May, June.  
In a wet copse near Wiggy.
- C. paniculata*, L. Great Panicked Carex. June.  
Common in marshy situations near the Railway station at  
Red-hill, Reigate Heath, &c.
- C. vulgaris*, Fries. Tufted Bog Carex. May,  
June.  
Boggy parts of Reigate Heath.
- C. acuta*, L. Slender-spiked Carex. May.  
Moist situations below Woodhatch.
- C. flava*, L. Yellow Carex. April, May.  
Frequent on Reigate Heath, Red-hill, and Earlswood  
Common.
- C. panicea*, L. Pink-leaved Carex. June.  
Boggy parts of Reigate Heath, very abundant about Gatton  
pond.
- C. sylvatica*, Huds. Pendulous Wood Carex. May,  
June.

Very abundant in woods and bushy places below Reigate Hill, about Wray Common, and elsewhere.

- C. pendula*, Huds. Great Pendulous Carex. May, June.

Frequent in copses on Colley Farm, and in most of the woods and copses below the chalk hills.

- C. Pseudo-cyperus*, L. Cyperus-like Carex. June.

Below the engine-pond in Gatton Park, and in a wet situation among Willows below the ponds east of Merstham.

- C. glauca*, Scop. Glaucous Heath Carex. June.

Very common in moist meadows, heaths, &c., in abundance on the chalk hills.

- C. præcox*, Jacq. Vernal Carex. April, May.

Dry pastures, plentiful on the Park Hill, Red-hill, &c.

- C. pilulifera*, L. Round-headed Carex. June.

Moist situations on Reigate Heath, Red-hill, and Earlswood Common.

- C. hirta*, L. Hairy Carex. May, June.

Very abundant in wet meadows, pastures, woods, &c.

- C. ampullacea*, Gooden. Bottle Carex. June.

Bogs on Reigate Heath.

- C. vesicaria*, L. Short-spiked Bladder Carex. May, June.

Plentiful on the banks of the Mole near Sidlow Bridge.

- C. paludosa*, Gooden. Lesser Common Carex. May.

On the banks of streams about Nutfield, pond east of Merstham, and banks of Gatton pond.

- C. riparia*, Curt. Great Common Carex. May.

Abundant on the banks of Gatton pond, and by the pond east of Merstham.

### MONOECIA—TETRANDRIA.

LITTORELLA. Shore-weed. N. O. PLANTAGINÆ.

L. *lacustris*, L. Plantain Shore-weed. June—August.

Plentiful on the margin of the Harlequin Pond on Reigate Heath, and margin of New Pond on Earlswood Common.

ALNUS. Alder. N. O. AMENTACEÆ.

A. *glutinosa*, Gært. Common Alder. March, April.

Wet swampy situations at Reigate Heath, Littleton, and elsewhere, common.

BUXUS. Box. N. O. EUPHORBIACEÆ.

B. *sempervirens*, L. Common Box-tree. April, May.

Abundant on Box Hill.

URTICA. Nettle. N. O. URTICACEÆ.

U. *urens*, L. Small Nettle. June—October.  
Common in cultivated and waste ground.

U. *dioica*, L. Great Nettle. July, August.  
Waste places, banks, way-sides, &c., everywhere.

### MONOECIA—PENTANDRIA.

BRYONIA. Bryony. N. O. CUCURBITACEÆ.

B. *dioica*, Jacq. Red-berried Bryony. May.  
Hedges, woods, and thickets, very common.

## MONOECIA—POLYANDRIA.

## CERATOPHYLLUM. Hornwort. N. O. CERATOPHYLLÆÆ.

*C. demersum*, L. Common Hornwort. July.

Not uncommon in Gatton Pond.

## MYRIOPHYLLUM. Water-Milfoil. N. O. HALORAGÆÆ.

*M. spicatum*, L. Spiked Water-Milfoil. June—August.

Ditches and stagnant water, plentiful in New Pond on Earlswood Common, Gatton Pond, &c.

*M. verticillata*, L. Whorled Water-Milfoil. July. Plentiful in Gatton Pond.

## SAGITTARIA. Arrow-head. N. O. ALISMACEÆ.

*S. sagittifolia*, L. Common Arrow-head. July, August.

I once met with a single plant on the banks of the Mole, between Sidlow Bridge and Flanchford; not unfrequent on the banks of the Mole at Leatherhead.

## ARUM. Cuckoo-pint. N. O. AROIDEÆ.

*A. maculatum*, L. Spotted Cuckoo-pint. April, May.

Common in groves, hedges, &c.

## POTERIUM. Salad-Burnet. N. O. ROSACEÆ.

*P. Sanguisorba*, L. Common Salad-Burnet. July.

Abundant on Reigate and Buckland Hills, and elsewhere on the chalk.



## QUERCUS. Oak. N. O. AMENTACEÆ.

*Q. Robur*, L. Common British Oak. April, May. 4  
Woods and hedges, common.

“The monarch Oak, the patriarch of the trees,  
Shoots rising up and spreads by slow degrees;  
Three centuries he grows, and three he stays,  
Supreme in state; and in three more decays.”—*Dryden*.

*Q. sessiliflora*, Salisb. Sessile-fruited Oak. April,  
May.

Hedges about Nutfield Marsh, Rev. John Hodgson.

## FAGUS. Beech. N. O. AMENTACEÆ.

*F. sylvatica*, L. Common Beech. April, May.

Plentiful on Reigate and Buckland Hills, Gatton woods,  
and all along the chalk range from Reigate to Dorking.

“There oft the Muse, what most delights her, sees  
Long living galleries of aged trees;  
Bold sons of earth, that lift their arms so high,  
As if once more they would invade the sky.  
In such green palaces the first kings reign’d,  
Slept in their shades, and angels entertain’d:  
With such old counsellors they did advise,  
And, by frequenting sacred groves, grew wise.  
Free from the impediments of light and noise,  
Man, thus retired, his noblest thoughts employs.”

## CASTANEA. Chestnut. N. O. AMENTACEÆ.

*C. vulgaris*, Lam. Spanish Chestnut. May.

On the Park Hill and elsewhere; there are many fine old  
specimens of this stately tree in Betchworth Park.

## BETULA. Birch. N. O. AMENTACEÆ.

*B. alba*, L. Common Birch. April, May.

Frequent in woods and hedges about Reigate Heath, Littleton, the Park Hill, &c. Shenstone, in his "School-mistress," admirably describes the effect even of a glance at the Birch-tree upon the juvenile culprits :

"For not a wind might curl the leaves that blew,  
But their limbs shuddered, and their pulse beat low;  
' And as they looked they found their horror grew,  
And shaped it into rods, and tingled at the view."

CARPINUS. Horn-beam. N. O. AMENTACEÆ.

*C. Betulus*, L. Horn-beam. May.

Woods, hedges, plantations, &c.

CORYLUS. Hazel-nut. N. O. AMENTACEÆ.

*C. Avellana*, L. Common Hazel-nut. March, April.

Woods, hedges, and thickets, in abundance.

MONOECIA—MONADELPHIA.

PYNUS. Fir. N. O. CONIFERÆ.

*P. sylvestris*, L. Scotch Fir. May, June.

Reigate Heath, Red-hill, the Park Hill, &c., not wild.

DIOECIA—DIANDRIA.

SALIX. Willow, Sallow, Osier. N. O. AMENTACEÆ.

The following are all the species of *Salix* I have been able to identify; there are several forms that I believe to be only varieties of these, but it is not unlikely there may be other species of this very difficult genus.

- S. fragilis*, L. Crack Willow. April, May.  
Banks of streams and watery places, frequent.
- S. alba*, L. White Willow. May.  
Banks of the Mole, and watery places.
- S. triandra*, L. Long-leaved Triandrous Willow.  
May, June.  
Frequent on banks of streams and watery places.
- S. purpurea*, L. Purple Willow. March.  
Frequent in watery places and moist woods.
- S. Helix*, L. Rose Willow. March, April.  
Banks of the Mole and watery places.
- S. viminalis*, L. Common Osier. April.  
Watery places, osier grounds, &c.
- S. cinerea*, L. Grey Sallow. April.  
Banks of streams and watery places, frequent.
- S. aurita*, L. Eared Sallow. May.  
Moist woods and thickets, frequent.
- S. caprea*, L. Great Round-leaved Sallow. April,  
May.  
Frequent in woods and hedges.
- S. fusca*  $\beta$ , L. (*S. repens*, Eng. Bot.) Silvery  
Willow. May, June.  
Abundant on Leith Hill, and in the Sussex Forests below  
Crawley.

## DIOECIA—TRIANDRIA.

RUSCUS. Butcher's-broom. N. O. SMILACEÆ.

- R. *aculeatus*, L. Common Butcher's-broom. H<sup>+</sup>  
March, April.

Hedges and banks on Cockshot Hill, south-east of the mill, and by Westhumble Lane near Dorking.

## DIOECIA—TETRANDRIA.

VISCUM. Mistletoe. N. O. LORANTHACEÆ.

- V. *album*, L. Common Mistletoe. April, May.

On Apple-trees in old orchards at Buckland, Nutfield, Horley, &c.; on Poplars at Buckland Rectory; on the White-thorn at the foot of Box Hill on the south side.

“Hail, silvery modest *Mistletoe*,  
Wreathed round Winter's brow of snow,  
Clinging so chastely, tenderly;  
Hail, Holly, darkly, richly green,  
Whose crimson berries blush between  
Thy prickly foliage, modestly.  
Ye winter-flowers, bloom sweet and fair,  
Though Nature's garden else be bare.  
Ye vernal glistening emblems, meet  
To twine a Christmas Coronet.”—

*Blackwood's Magazine.*

## DIOECIA—PENTANDRIA.

HUMULUS. Hop. N. O. URTICACEÆ.

- H. *Lupulus*, L. Common Hop. July, August.

Frequent in hedges on the sand.

## DIOECIA—HEXANDRIA.

TAMUS. Black Bryony. N. O. SMILACEÆ.

- T. *communis*, L. Common Black Bryony. June, July.

Common in hedges and thickets on the chalk.

## DIOECIA—OCTANDRIA.

POPULUS. Poplar. N. O. AMENTACEÆ.

*P. alba*, L. Great White Poplar, or Abele. April. †

In moist woods and plantations.

*P. canescens*, Sm. Grey Poplar. March.

Near Hooley House, Red-hill.

*P. tremula*, L. Aspen, or Trembling Poplar.

March, April.

Frequent in plantations.

*P. nigra*, L. Black Poplar. April.Banks of the Mole between Sidlow Bridge and Flanchford, and in Wonham Park, Betchworth. I do not consider either of the species of *Populus* truly wild in this district, but that they have all been introduced.

## DIOECIA—ENNEANDRIA.

MERCURIALIS. Mercury. N. O. EUPHORBI-  
ACEÆ. "*M. perennis*, L. Perennial or Dog's Mercury. †

April, May.

Abundant in woods and shady places.

*M. annua*, L. Annual Mercury. August.

Sparingly about the ruins of Betchworth Castle.

## DIOECIA—MONADELPHIA.

JUNIPERUS. Juniper. N. O. CONIFERÆ.

*J. communis*, L. Common Juniper. May. †

Abundant on Reigate, Buckland, Betchworth, and Box Hills, and elsewhere in chalky situations.

## TAXUS. Yew. N. O. CONIFERÆ.

*T. baccata*, L. Common Yew. March.

Reigate and Buckland Hills, where there are many fine old trees. Yew-trees have been preserved in church-yards from time immemorial.

“ — Which in the place of sculptured stone,  
Marks out the resting-place of men unknown;  
Casting drear shadows on the shrubs and flowers,  
Affection's latest signs.”

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## POLYGAMIA—MONOECIA.

ATRIPLEX. Orache. N. O. CHENOPODIÆ.

*A. patula*, L. Spreading Halbert-leaved Orache.  
July.

Plentiful in waste and cultivated ground.

*A. angustifolia*, Sm. Spreading Narrow-leaved  
Orache. July.

Cultivated and waste ground.

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## CRYPTOGAMIA—FILICES.

CETERACH. Scale-fern.

*C. officinarum*, Willd. Common Scale-fern. July  
—October.

On a wall right hand of the lane leading from Mickleham  
to Headley.

POLYPODIUM. Polypody.

- P. vulgare*, L. Common Polypody. May—October.

On old walls, banks, and trunks of trees, common.

- P. Phlegopteris*, L. Pale Mountain Polypody. June, July.

In a wet ravine near the line of the Railway tunnel at Balcombe, Mr. William Bennett.

### ASPIDIUM. Shield-fern.

- A. lobatum*, Sw. Close-leaved Prickly Shield-fern. July—October.

Sandy lane south side of the Park Hill, and in Chart Lane.

- A. aculeatum*, Sw. Soft Prickly Shield-fern. July—October.

Banks in Chart Lane.

- A. angulare*, Sm. Angular-leaved Shield-fern. July—October.

Banks in Chart Lane, and elsewhere in sandy situations.

### LASTREA. Buckler Fern.

- L. Oreopteris*, Presl. Heath Buckler Fern. July, August.

The Holmwood Common, and at Lonesome, both near Dorking, Mr. William Bennett. Sparingly on Reigate Heath, abundant in Tilgate and St. Leonard's Forests.

- L. Felix-mas*, Presl. Common Buckler Fern, or Male Fern. June—August.

Hedges and shady places, very common.

*L. spinulosa*, Presl. Prickly-toothed Buckler Fern.

July, August.

Damp hedges about Reigate Heath, Red-hill, &c.

*L. dilatata*, Presl. Sharp-toothed Buckler Fern.

June—August.

Frequent in moist, shady places west of Reigate Heath, and elsewhere in boggy situations.

*L. fæniseeii*, Wats. Recurved Buckler Fern. June

—August.

Moderately plentiful at the Ardingly rocks, Mr. William Bennett.

### ATHYRIUM. Lady-fern.

*A. Felix-fæmina*, Rh. Common Lady-fern. June

—August.

Frequent in boggy woods west of Reigate Heath, and between Reigate Heath and Buckland, and elsewhere in similar situations.

“Where the copse-wood is the greenest,  
Where the fountain glistens sheenest,  
Where the mountain dew lies longest,  
There the *Lady Fern* grows strongest.”—

Sir W. Scott.

### ASPENIUM. Spleenwort.

*A. viride*, Huds. Green Spleenwort. June—

September.

The only locality I can give for this beautiful little fern is on the walls of the training stables at Mickleham.

*A. Trichomanes*, L. Common Wall Spleenwort.

May—December.



Sparingly on the walls of Reigate Church-yard, stony banks about Kingswood, plentiful on Burstow Church.

- A. *lanceolatum*, Huds. Green Lanceolate Spleenwort. July, August.

Sparingly on the Ardingly rocks, Mr. William Hanson.

- A. *Adiantum-nigrum*, L. Black-stalked Spleenwort. May—November.

Very abundant on sandy banks throughout this district.

- A. *Ruta-muraria*, L. Wall-rue Spleenwort. June—October.

Sparingly on the walls of Reigate Church-yard, plentiful on a wall right hand of the lane leading from Mickleham to Headley, and on walls in Norbury Park.

### SCOLOPENDRIUM. Hart's-tongue.

- S. *vulgare*, Sym. Common Hart's-tongue. July—November.

In the lane leading from Linkfield Street to Wray Common, and in lanes on the south side of the Park Hill.

### BLECHNUM. Hard-fern.

- B. *boreale*, Sw. Northern Hard-fern. July, August.

Moist situations on Reigate Heath, Leith Hill, and Tilgate Forest.

### PTERIS. Brake.

- P. *aquilina*, L. Common Brake. July—September.

In profusion in dry, heathy situations, as Reigate Heath, Red-hill, the Park Hill, &c.

## HYMENOPHYLLUM. Filmy-fern.

- H. *Tunbridgense*, Sm. Tunbridge Filmy-fern.  
April—October.

This delicate and beautiful little fern is abundant on many of the rocks about Ardingly, and in many instances where water is trickling down them they are completely covered with its graceful little fronds. I have also seen it on the rock called Pook Church, in the Cow wood, left hand of the Brighton road, about half-a-mile below Hand-cross, a locality described by Luxford.

## OSMUNDA. Flowering-fern.

- O. *regalis*, L. Royal Flowering-fern. May, June.

This truly elegant fern, the largest of our British species, is to be met with very sparingly in a boggy pasture at the west end of Reigate Heath. Some few years since it was much more plentiful than at present, but so many fern-growers have been attracted to the spot in search of it, that I fear it is almost eradicated. Mr. William Bennett has found it rather plentifully in boggy woods at the foot of Leith Hill, and in a boggy hollow about half-way up Cold-Harbour Lane, on the right hand, also in boggy parts of the Holmwood; he once met with an enormous plant in a wood at the foot of Leith Hill, which measured twenty-one feet in circumference, with the fronds from seven to eight feet in height.

## BOTRYCHIUM. Moon-wort.

- B. *Lunaria*, Sw. Common Moon-wort. June.

Dry situations on Reigate Heath, the Park Hill, Bury Hill, near Dorking, and on the top of Leith Hill.

## OPHIOGLOSSUM. Adder's-tongue.

- O. vulgatum*, L. Common Adder's-tongue. May, June.

Meadows below Reigate Hill, on both sides of the Wray Park road, and below the hills east of Merstham.

### CRYPTOGAMIA—LYCOPODIACEÆ.

#### LYCOPODIUM. Club-moss.

- L. clavatum*, L. Common Club-moss. July, August.

Leith Hill Common, and in Tilgate and St. Leonard's Forests.

- L. inundatum*, L. Marsh Club-moss. June, July.

On Reigate Heath, about a hundred yards south of the bog nearest the Dorking road, Leith Hill Common, and Tilgate Forest.

- L. Selago*, L. Fir Club-moss. June—August.

Leith Hill and Tilgate Forest.

### CRYPTOGAMIA—MARSILEACEÆ.

#### PILULARIA. Pill-wort.

- P. globulifera*, L. Creeping Pill-wort. June—August.

Moist places below New Pond, on Earlswood Common.

### CRYPTOGAMIA—EQUISETACEÆ.

#### EQUISETUM. Horse-tail.

- E. Telmateia*, Ehrh. (*E. fluviatile*, Sm.) Great Water Horse-tail. April, May.

Abundant in moist woods and banks of ditches below Reigate Hill.

*E. arvense*, L. Corn Horse-tail. April, May. 11

Corn-fields and waste ground on a light sandy soil.

*E. sylvaticum*, L. Branched Wood Horse-tail.  
April, May.

In a boggy wood at the Holmwood, near Dorking, Mr.  
William Bennett.

*E. palustre*, L. Marsh Horse-tail. June, July.

Plentiful in the Moors, ditches about Littleton, and elsewhere.

*E. limosum*, L. Smooth Naked Horse-tail. June, 11  
July.

Ditches and ponds; abundant in Gatton Pond, Flanchford  
Pond, &c.

## WILD FLOWERS.

“BEAUTIFUL children of the woods and fields!  
That bloom by mountain streamlets 'mid the heather,  
Or into clusters 'neath the hazels gather—  
Or where by hoary rocks you make your fields,  
And sweetly flourish on through summer weather—  
I love ye all!

“Beautiful flowers! to me ye fresher seem  
From the Almighty hand that fashioned all,  
Than those that flourish by a garden-wall;  
And I can image you, as in a dream,  
Fair, modest maidens, nursed in hamlets small—  
I love ye all!

“Beautiful things ye are where'er ye grow!  
The wild red rose—the speedwell's peeping eyes—  
Our own blue-bell—the daisy, that doth rise  
Wherever sunbeams fall or winds do blow;  
And thousands more of blessed forms and dyes—  
I love ye all!

“Beautiful nurslings of the early dew,  
Fanned in your loveliness by every breeze,  
And shaded o'er by green and arching trees:  
I often wished that I were one of you,  
Dwelling afar upon the grassy leas—  
I love ye all!

“Beautiful children of the glen and dell—  
The dingle deep—the moorland stretching wide,  
And of the mossy fountain's sedgy side!  
Ye o'er my heart have thrown a lovesome spell;  
And though the worldling, scorning, may deride—  
I love ye all!”—

*Robert Nicoll.*

## LIST OF MOSSES

OBSERVED IN THE NEIGHBOURHOOD OF REIGATE.

PHASCUM	GRIMMIA
crispum	apocarpa
subulatum	pulvinata
axillare	DIDYMODON
cuspidatum	purpureus
rectum	DICRANUM
curvicolium	bryoides
SPHAGNUM	adiantoides
obtusifolium	taxifolium
squarrosum	glaucum
acutifolium	flexuosum
GYMNOSTOMUM	scoparium
truncatulum	heteromallum
pyriforme	subulatum
tenue	TORTULA
SCHISTOSTEGA	muralis
pennata	ruralis
TETRAPHIS	subulata
pellucida	unguiculata
SPLACHNUM	fallax
ampullaceum	vinealis
ENCALYPTA	CINCLIDOTUS
vulgaris	riparius
streptocarpa	POLYTRICHUM
WEISSIA	undulatum
cirrata	piliferum
curvirostra	juniperinum
crispula	commune
controversa	aloides
pusilla	nanum

FUNARIA	pumila
hygrometrica	crispa
ORTHOTRICHUM	CYLINDROTHECIUM
cupulatum	Montagnei
anomalum	ANOMODON
affine	viticulosum
Sprucei	DALTONIA
diaphanum	heteromalla
rivulare	FONTINALIS
striatum	antipyretica
Lyellii	HOOKERIA
crispum	lucens
pulchellum	HYPNUM
BRYUM	complanatum
palustre	riparium
crudum	undulatum
argenteum	denticulatum
pyriforme	tenellum
capillare	serpens
cæspititium	murale
turbinatum	purum
roseum	piliferum
ligulatum	Schreberi
punctatum	sericeum
hornum	lutescens
cuspidatum	albicans
stellare	alopcurum
Donianum	dendroides
BARTRAMIA	curvatum
pomiformis	splendens
fontana	proliferum
PTEROGONIUM	prælongum
Smithii	abietinum
LEUCODON	blandum
sciuroides	rutabulum
NECKERA	velutinum

ruscifolium  
striatum  
confertum  
cuspidatum  
loreum  
triquetrum  
brevirostre  
squarrosus  
palustre

aduncum  
commutatum  
scorpioides  
cupressiforme  
molluscum  
varium  
Sommerfeltii  
flescens





## APPENDIX.

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AT the request of several friends I have prepared the following lists of the Fauna of this Neighbourhood; with the hope that they may be useful to others in pointing out what species are known to occur here, and stimulate them to make a more diligent search for many others that are doubtless omitted. I cannot pretend to give these lists as complete lists; I merely give them as the result of my own observations in some of the divisions, while in others I am indebted to several friends, who have kindly furnished me with the names of those species that they have met with. That there are many other species there cannot be the slightest doubt, especially in the Coleoptera and Lepidoptera, that would amply reward the Naturalist for his labours. Our district, so rich in plants, consequent on the great diversity of soil, must be also equally

rich in Insects ; indeed, the following lists will show that we have many of great rarity ; and when we consider that the district had never been searched until within a very few years, we may well expect still to make very considerable additions to our local Fauna. My best thanks are due to Mr. William H. Tugwell, to Mr. H. Fielder, to J. W. Douglas, Esq., to H. T. Stainton, Esq., and to William Bennett, Esq., for their kindness, in so willingly furnishing me with lists of the Lepidoptera of this Neighbourhood ; to G. R. Waterhouse, Esq. for kindly naming the Brachelytra of this district, collected by Mr. John Linnell, Jun., and Mr. Thomas Linnell ; to J. T. Syme, Esq., to Dr. Power, and to the Messrs. Linnell, for information respecting what they had collected in the other portions of the Coleoptera ; and to Mr. William H. Tugwell, and to Mr. Charles Andrews, for the lists of Birds they have observed in this district.

LISTS OF THE FAUNA  
OF THE  
NEIGHBOURHOOD OF REIGATE.

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MAMMALIA, or Quadrupeds.

- Vespertilio murinus*. Common Bat.  
    *Noctula*. Great Bat.  
*Plecotus auritus*. Eared Bat.  
*Erinaceus europæus*. Urchin, or Hedge-hog.  
*Sorex araneus*. Common Shrew.  
    *fodiens*. Water Shrew.  
*Talpa europæa*. The Mole.  
*Meles Taxus*. The Badger.  
*Vulpes vulgaris*. The Fox.  
*Mustela vulgaris*. The Weasel.  
    *Erminea*. The Stoat, or Ermine.  
    *Putorius*. The Polecat.  
*Martes fagorum*. Common Martin.  
*Lutra vulgaris*. Common Otter.  
*Mus Musculus*. Common Mouse.  
    *sylvaticus*. Field Mouse.  
    *messorius*. Harvest Mouse.  
    *decumanus*. Brown Rat.  
*Sciurus vulgaris*. Common Squirrel.  
*Lepus timidus*. Common Hare.  
    *cuniculus*. The Rabbit.  
*Myoxus avellanarius*. Common Dormouse.  
*Arvicola aquatica*. Water Vole, or Water Rat.

## BIRDS.

- Falco aesalon*, *Gmel.* Merlin.  
    *tinnunculus*, *Lin.* Kestrel.  
    *nisus*, *Lin.* Sparrowhawk.  
    *milvus*, *Lin.* Kite.  
    *buteo*, *Lin.* Buzzard.  
    *cyaneus*, *Lin.* Hen Harrier.  
*Stryx brachyotus*, *Gmel.* Shorteared Owl.  
    *flammea*, *Lin.* Barn Owl.  
    *aluco*, *Lin.* Tawny Owl.  
*Lanius excubitor*, *Lin.* Great Gray Shrike.  
    *collurio*, *Lin.* Redbacked Shrike.  
*Muscicapa grisola*, *Lin.* Spotted Flycatcher.  
*Turdus viscivorus*, *Lin.* Missel Thrush.  
    *pilaris*, *Lin.* Fieldfare.  
    *musicus*, *Lin.* Song Thrush.  
    *iliacus*, *Lin.* Redwing.  
    *merula*, *Lin.* Blackbird.  
*Accentor modularis*, *Bechst.* Hedgesparrow.  
*Sylvia rubecula*, *Lath.* Robin Redbreast.  
    *phoenicurus*, *Lath.* Redstart.  
    *rubicola*, *Lath.* Stonechat.  
    *rubetra*, *Lath.* Whinchat.  
    *œnanthe*, *Lath.* Wheatear.  
    *locustella*, *Lath.* Grasshopper Warbler.  
    *phragmitis*, *Bechst.* Sedge Warbler.  
    *arundinacea*, *Lath.* Reed Wren.  
    *luscinia*, *Lath.* Nightingale.  
    *atricapilla*, *Lath.* Blackcap.  
    *hortensis*, *Lath.* Garden Warbler.  
    *cinerea*, *Lath.* Whitethroat.  
    *curruca*, *Lath.* Lesser Whitethroat.  
    *sibilatrix*, *Bechst.* Wood Wren.  
    *trochilus*, *Lath.* Willow Wren.  
    *rufa*, *Lath.* Chiffchaff.

- Regulus cristatus, Koch.* Goldencrested Regulus.  
*Parus major, Lin.* Great Titmouse.  
     *cæruleus, Lin.* Blue Titmouse.  
     *ater, Lin.* Cole Titmouse.  
     *palustris, Lin.* Marsh Titmouse.  
     *caudatus, Lin.* Longtailed Titmouse.  
*Motacilla alba, Lin.* \*White Wagtail.  
     *Yarrellii, Gould.* Pied Wagtail.  
     *boarula, Lin.* Gray Wagtail.  
*Anthus arboreus, Bechst.* Tree Pipit.  
     *pratensis, Bechst.* Meadow Pipit.  
*Alauda arvensis, Lin.* Sky Lark.  
     *arborea, Lin.* Wood Lark.  
*Emberiza miliaria, Lin.* Common Bunting.  
     *schoeniclus, Lin.* Blackheaded Bunting.  
     *citrinella, Lin.* Yellowhammer.  
     *cirlus, Lin.* Cirl Bunting.  
*Fringilla coelebs, Lin.* Chaffinch.  
     *montifringilla, Lin.* Brambling.  
     *montana, Lin.* Tree Sparrow.  
     *domestica, Lin.* House Sparrow.  
     *chloris, Lin.* Greenfinch.  
     *coccothraustes.* Hawfinch.  
     *carduelis, Lin.* Goldfinch.  
     *spinus, Lin.* Siskin.  
     *cannabina, Lin.* Linnet.  
     *linaria, Lin.* Lesser Redpole.  
     *borealis, Tem.* Mealy Redpole.  
*Loxia pyrrhula, Lin.* Bullfinch.  
     *curvirostra, Lin.* Crossbill.  
*Sturnus vulgaris, Lin.* Starling.  
*Pyrhcorax graculus, Tem.* Chough.  
*Corvus Corax, Lin.* Raven.  
     *corone, Lin.* Crow.  
     *frugilegus, Lin.* Rook.  
     *monedula, Lin.* Jackdaw.  
     *pica, Lin.* Magpie.  
     *glandarius, Lin.* Jay.

- Picus viridis, Lin.* Green Woodpecker.  
     *major, Lin.* Spotted Woodpecker.  
     *minor, Lin.* Lesser Spotted Woodpecker.  
*Yunx torquilla, Lin.* Wryneck.  
*Certhia familiaris, Lin.* Creeper.  
*Troglodytes europæus, Cuv.* Wren.  
*Upupa epops, Lin.* Hoopoe.  
*Sitta europæa, Lin.* Nuthatch.  
*Cuculus canorus, Lin.* Cuckoo.  
*Alcedo ispida, Lin.* Kingfisher.  
*Hirundo rustica, Lin.* Swallow.  
     *riparia, Lin.* Martin.  
     *urbica, Lin.* Sand Martin.  
*Cypselus apus, Illig.* Swift.  
*Caprimulgus europæus, Lin.* Nightjar.  
*Columba palumbus, Lin.* Ring Dove.  
     *cenas, Lin.* Stock Dove.  
     *turtur, Lin.* Turtle Dove.  
*Phasianus colchicus, Lin.* Pheasant.  
*Perdix cinerea, Lath.* Partridge.  
     *rubra, Briss.* Redlegged Partridge.  
     *coturnix, Lath.* Quail.  
*Charadrius pluvialis, Lin.* Golden Plover.  
*Vanellus cristatus, Meyer.* Lapwing.  
*Ardea cinerea, Lath.* Heron.  
     *stellaris, Lin.* Bittern.  
*Totanus hypoleucos, Tem.* Common Sandpiper.  
*Scolopax rusticola, Lin.* Woodcock.  
     *gallinago, Lin.* Common Snipe.  
     *gallinula, Lin.* Jack Snipe.  
*Gallinula crex, Lath.* Land Rail.  
     *chloropus, Lath.* Moorhen.  
*Rallus aquaticus, Lin.* Water Rail.  
*Fulica atra, Lin.* Coot.  
*Anser segetum, Gmel.* Bean Goose.  
*Cygnus musicus, Tem.* Hooper.  
*Anas acuta, Lin.* Pintail Duck.  
     *boschas, Lin.* Wild Duck.

- Anas crecca*, *Lin.* Teal.  
    *Penelope*, *Lin.* Wigeon.  
*Podiceps minor*, *Lath.* Little Grebe.  
*Larus tridactylus*, *Lath.* Kittiwake.  
    *canus*, *Lin.* Common Gull.
- 

## REPTILES.

- Zootoca vivipara*. Common Lizard.  
*Anguis fragilis*. Sloe-worm, or Blind-worm.  
*Natrix torquata*. Common, or Ringed Snake.  
*Pelias Berus*. Common Viper, or Adder.  
*Rana temporaria*. Common Frog.  
*Bufo vulgaris*. Common Toad.  
*Triton cristatus*. Great Water-Newt.  
*Lissotriton punctatus*. Small Newt, or Eft.
- 

## FISHES.

- Perca fluviatilis*. Common Perch.  
*Cottus gobio*. Bull-head, or Miller's Thumb.  
*Gasterosteus aculeatus*. Common Stickleback.  
*Cyprinus Carpio*. Common Carp.  
    *gibelio*. The Prussian Carp.  
    *auratus*. The Golden Carp.  
*Gobio fluviatilis*. The Gudgeon.  
*Tinca vulgaris*. The Tench.  
*Abramis Brama*. Common Bream.  
*Leuciscus rutilus*. The Roach.  
    *vulgaris*. The Dace.  
    *cephalus*. The Chub.



- Leuciscus erythrophthalmus*. The Rudd, or Red-eye.  
*alburnus*. The Bleak.  
*Phoxinus*. The Minnow.  
*Cobitis barbatula*. The Loach, or Stone Roach.  
*Botis tænia*. The Spined Loach, or Groundling,  
*Esox Lucius*. The Pike.  
*Salmo Fario*. The Common Trout.  
*Anguilla acutirostris*. Sharp-nosed Eel.  
*latirostris*. Broad-nosed Eel.  
*Petromyzon fluviatilis*. The Lampern, or River Lamprey.

## COLEOPTERA.

## GEODEPHAGA.

- |                                             |                                               |
|---------------------------------------------|-----------------------------------------------|
| <i>Cicindela campestris</i> , <i>Linn.</i>  | <i>Carabus violaceus</i> , <i>Linn.</i>       |
| <i>Demetrias atricapilla</i> , <i>Linn.</i> | <i>nemoralis</i> , <i>Müll.</i>               |
| <i>Dromius linearis</i> , <i>Oliv.</i>      | <i>Leistus spinibarbis</i> , <i>Fabr.</i>     |
| <i>agilis</i> , <i>Fabr.</i>                | <i>fulvibarbis</i> , <i>Dej.</i>              |
| <i>quadrimaculatus</i> , <i>Linn.</i>       | <i>ferrugineus</i> , <i>Linn.</i>             |
| <i>quadrinotatus</i> , <i>Panz.</i>         | <i>rufescens</i> , <i>Fabr.</i>               |
| <i>quadrisignatus</i> , <i>Dej.</i>         | <i>Nebria brevicollis</i> , <i>Fabr.</i>      |
| <i>melanocephalus</i> , <i>Dej.</i>         | <i>Elaphrus cupreus</i> , <i>Dufst.</i>       |
| <i>glabratus</i> , <i>Dufst.</i>            | <i>riparius</i> , <i>Linn.</i>                |
| <i>truncatellus</i> , <i>Linn.</i>          | <i>Notiophilus aquaticus</i> , <i>Linn.</i>   |
| <i>foveolus</i> , <i>Gyll.</i>              | <i>palustris</i> , <i>Dufst.</i>              |
| <i>Lebia crux minor</i> , <i>Linn.</i>      | <i>rufipes</i> , <i>Curt.</i>                 |
| <i>cycanocephala</i> , <i>Linn.</i>         | <i>semipunctatus</i> , <i>Fabr.</i>           |
| <i>chlorocephala</i> , <i>Ent. H.</i>       | <i>Loricera pilicornis</i> , <i>Fabr.</i>     |
| <i>Brachinus crepitans</i> , <i>Linn.</i>   | <i>Panagæus quadripustulatus</i> ,            |
| <i>Cymindis axillaris</i> , <i>Fabr.</i>    | <i>Sturm.</i>                                 |
| <i>Clivina fossor</i> , <i>Linn.</i>        | <i>Badister bipustulatus</i> , <i>Fabr.</i>   |
| <i>collaris</i> , <i>Herbst.</i>            | <i>humeralis</i> , <i>Bon.</i>                |
| <i>Dyschirius æneus</i> , <i>Dej.</i>       | <i>Licinus depressus</i> , <i>Payk.</i>       |
| <i>globosus</i> , <i>Herbst.</i>            | <i>Silphoides</i> , <i>Fabr.</i>              |
| <i>Cychrus rostratus</i> , <i>Linn.</i>     | <i>Chlænien nigricornis</i> , <i>Fabr.</i>    |
| <i>Carabus catenulatus</i> , <i>Scop.</i>   | <i>vestitus</i> , <i>Payk.</i>                |
| <i>monilis</i> , <i>Fabr.</i>               | <i>Callistus lunatus</i> , <i>Fabr.</i>       |
| <i>cancellatus</i> , <i>Ill.</i>            | <i>Pristonychusterricola</i> , <i>Herbst.</i> |
|                                             | <i>Sphodrus leucophthalmus</i> ,              |
|                                             | <i>Linn.</i>                                  |

*Calathus Cisteloides, Panz.*  
*flavipes, Fourc.*  
*melanocephalus, Linn.*  
*Synuchus vivalis, Panz.*  
*Anchomenus dorsalis, Müll.*  
*pallipes, Fabr.*  
*marginatus, Linn.*  
*laevis, Müll.*  
*viduus, Panz.*  
*moestus, Duft.*  
*fuliginosus, Panz.*  
*Olisthopus rotundatus, Payk.*  
*Pterostichus cupreus, Linn.*  
*striola, Fabr.*  
*niger, Ill.*  
*madidus, Fabr.*  
*melanarius, Ill.*  
*nigrita, Fabr.*  
*vernalis, Gyll.*  
*strenuus, Panz.*  
*ruficollis, Marsh.*  
*Stomis pumicatus, Panz.*  
*Zabrus piger, Fourc.*  
*Amara obsoleta, Dej.*  
*similata, Gyll.*  
*acuminata, Payk.*  
*trivialis, Gyll.*  
*vulgaris, Linn.*  
*communis, Gyll.*  
*familiaris, Duft.*  
*tibialis, Payk.*  
*plebeia, Gyll.*  
*oralcica, Müll.*  
*patricia, Duft.*  
*apricaria, Fabr.*  
*fulva, Degeer.*  
*spinipes, Linn.*  
*Anisodactylus binotatus, Fabr.*  
*Harpalus sabulicola, Panz.*  
*obscurus, Fabr.*  
*azureus, Fabr.*  
*cordatus, Duft.*  
*rupicola, Sturm.*  
*puncticollis, Payk.*  
*cribellum, Steph.*

*Harpalus ruficornis, Fabr.*  
*seneus, Fabr.*  
*honestus, Duft.*  
*fulvipes, Fabr.*  
*rubripes, Duft.*  
*depressus, Duft.*  
*anxius, Duft.*  
*Stenolophus meridianus, Linn.*  
*Bradycellus fulvus, Marsh.*  
*similis, Dej.*  
*Trechus minutus, Fabr.*  
*Bembidium obtusum, Sturm.*  
*biguttatum, Fabr.*  
*guttula, Fabr.*  
*femoratum, Sturm.*  
*Bruxellense, Wesmæll.*  
*littorale, Oliv.*  
*nitidulum, Marsh.*  
*affine, Steph.*  
*tibiale, Duft.*  
*flammulatum, Clairv.*  
*ustulatum, Linn.*  
*assimile, Gyll.*  
*lampros, Herbst.*  
*pusillum, Gyll.*  
*articulatum, Panz.*  
*quadriguttatum, Fabr.*  
*quadrimaculatum, Linn.*  
*velox, Linn.*  
*flavipes, Linn.*

## HYDRADEPHAGA.

*Dytiscus marginalis, Linn.*  
*circumflexus, Fabr.*  
*punctulatus, Fabr.*  
*Acilius sulcatus, Linn.*  
*fasciatus, Degeer.*  
*Colymbetes fuscus, Linn.*  
*pulverosus, Sturm.*  
*notatus, Fabr.*  
*Ilybius ater, Degeer.*  
*fenestratus, Fabr.*  
*uliginosus, Linn.*  
*Agabus agilis, Fabr.*

Agabus Sturmii, *Gyll.*  
   maculatus, *Linn.*  
   didymus, *Oliv.*  
   paludosus, *Fabr.*  
   bipunctatus, *Fabr.*  
   bipustulatus, *Linn.*  
 Noterus crassicornis, *Fabr.*  
   semipunctatus, *Fabr.*  
 Laccophilus minutus, *Linn.*  
   hyalinus, *Degeer.*  
 Hyphidrus ovatus, *Linn.*  
 Hydroporus inæqualis, *Fabr.*  
   geminus, *Fabr.*  
   assimilis, *Payk.*  
   picipes, *Fabr.*  
   confuens, *Fabr.*  
   dorsalis, *Fabr.*  
   erythrocephalus, *Linn.*  
   pubescens, *Gyll.*  
   xanthopus, *Steph.*  
   Gyllenhalii, *Schiödte.*  
   nigrita, *Fabr.*  
   vittula, *Erichs.*  
   palustris, *Linn.*  
   lineatus, *Oliv.*  
   pictus, *Fabr.*  
   lepidus, *Oliv.*  
 Halipus fulvus, *Fabr.*  
   ruficollis, *Degeer.*  
   obliquus, *Fabr.*  
   confinis, *Steph.*  
   lineatocollis, *Marsh.*  
 Poelobius Hermannii, *Fabr.*  
 Gyrinus marinus, *Gyll.*  
   natator, *Linn.*

## PHILHYDRIDA.

Heterocerus marginatus, *Fabr.*  
 Helophorus grandis, *Ill.*  
   rugosus, *Oliv.*  
   aquaticus, *Linn.*  
 Berosus luridus, *Linn.*  
 Hydrobius fuscipes, *Linn.*  
 Laccobius minutus, *Linn.*

Philhydrus lividus, *Forst.*  
 Sphæridium Scarabæoides,  
   *Linn.*  
   bipustulatum, *Fabr.*  
 Cercyon hæmorrhous, *Gyll.*  
   pygmæum, *Ill.*  
   melanocephalum, *Linn.*  
 Ephistemus confinis, *Steph.*  
 Alexia pilifera, *Gorm.*  
 Leiodes Gyllenhalii, *Steph.*  
   rufipennis, *Pk.*  
 Sericoderus thoracicus, *Steph.*

## NECROPHAGA.

Scaphisoma Agaricinum, *L.*  
 Ptomaphagus truncatus, *Ill.*  
 Catops fuscus, *Fr.*  
 Choleva angustata, *Fab.*  
 Necrophorus Humator, *Oliv.*  
   interruptus, *Steph.*  
   vestigator, *Ill.*  
   mortuorum, *Fab.*  
   Vespillo, *L.*  
 Necrodes littoralis, *L.*  
 Oiceoptoma rugosa, *L.*  
   sinuata, *Fab.*  
 Sylpha lævigata, *Fab.*  
 Phosphuga atrata, *L.*  
 Nitidula grisea, *L.*  
   Colon, *L.*  
   discoidea, *Fab.*  
   æstiva, *L.*  
 Meligethes rufipes, *De Gerr.*  
   cæruleus, *Marsh.*  
 Micropeplus porcatus, *Pk.*  
 Latridius lardarius, *De Gerr.*  
   porcatus, *Herbst.*  
   ruficollis, *Marsh.*  
 Byturus tomentosus, *Fab.*  
 Typhæ fumata, *L.*  
 Triplax russica, *L.*  
 Ips ferruginea, *L.*  
 Cryptophagus Marshami,  
   *Steph.*

*Cryptophagus Typhæ*, *Fall.*  
*Antherophagus pallens*, *L.*  
*Lyctus oblongus*, *Oliv.*  
*Dermestes lardarius*, *L.*  
     *murinus*, *L.*  
*Attagenus Pello*, *L.*

## HELOCERA.

*Anthrenus Verbasci*, *L.*  
*Byrrhus pilula*, *L.*  
     *fasciatus*, *Forst.*  
     *dorsalis*, *Fab.*  
     *sericeus*, *Forst.*  
     *æneus*, *Fab.*  
*Oomorphus concolor*, *Stu.*  
*Hister unicolor*, *L.*  
     *cadaverinus*, *Steph.*  
     *bimaculatus*, *L.*  
     *12-striatus*, *Pk.*  
     *carbonarius*, *Steph.*  
*Saprinus nitidulus*, *Fab.*  
     *æneus*, *Fab.*

## LAMELLICORNES.

*Dorcas parallelipedus*, *L.*  
*Lucanus Cervus*, *L.*  
*Onthophagus fracticornis*,  
     *Preys.*  
     *nuchicornis*, *L.*  
     *ovatus*, *L.*  
*Typhæus vulgaris*, *Leach.*  
*Geotrupes vernalis*, *L.*  
     *sylvaticus*, *Pk.*  
     *mutator*, *Marsh.*  
     *stercorarius*, *L.*  
*Aphodius Fossor*, *L.*  
     *subterraneus*, *L.*  
     *erraticus*, *L.*  
     *simetarius*, *L.*  
     *æstivalis*, *Steph.*  
     *rufescens*, *Fab.*  
     *sordidus*, *Fab.*  
     *nitidus*, *Kirby.*

*Aphodius porcus*, *Fab.*  
     *rufipes*, *L.*  
     *prodromus*, *Creutz.*  
     *sphacelatus*, *Pz.*  
     *merdarius*, *Oliv.*  
     *4-maculatus*, *L.*  
*Trox arenosus*, *Gyll.*  
*Serica brunnea*, *L.*  
*Omalopecta Ruricola*, *Fab.*  
*Rhisostrogus solstitialis*, *L.*  
*Melolontha vulgaris*, *Fab.*  
*Phyllopertha Horticola*, *L.*  
*Anomala Frischii*, *Fab.*  
*Hoplia argentea*, *Oliv.*  
*Aleurostichus nobilis*, *L.*  
*Cetonia aurata*, *L.*

## STERNOXI.

*Agrilus viridis*, *L.*  
*Throscus dermestoides*, *L.*  
*Adrastus limbatus*, *Fab.*  
*Dolopius marginatus*, *L.*  
*Agriotes sputator*, *L.*  
     *obscurus*, *L.*  
     *lineatus*, *L.*  
*Limonius minutus*, *L.*  
*Elater balteatus*, *L.*  
*Prosternon holosericeus*, *Fab.*  
*Agrypnus murinus*, *L.*  
*Hypolithus riparius*, *Fab.*  
*Melanotus fulvipes*, *Herbst.*  
*Athous niger*, *L.*  
     *hæmorrhoidalis*, *Fab.*  
     *longicollis*, *Fab.*  
*Campylus linearis*, *L.*

## MALACODERMA.

*Atopa cervina*, *L.*  
*Scirtes hemisphericus*, *L.*  
*Cyphon lividus*, *Fab.*  
     *pubescens*, *Fab.*  
     *griseus*, *Fab.*  
*Drylus flavescens*, *Oliv.*

*Lampyris noctiluca*, *L.*  
*Telephorus thoracicus*, *Oliv.*  
     *fulvicollis*, *Sahl.*  
     *testaceus*, *L.*  
     *clypeatus*, *Ill.*  
     *nigricans*, *Fab.*  
     *discoideus*, *Steph.*  
     *pellucidus*, *Fab.*  
     *fuscus*, *L.*  
     *rusticus*, *Gyll.*  
     *lividus*, *L.*  
     *rufus*, *L.*  
     *bicolor*, *Fab.*  
*Ragonycha pilosa*, *Pk.*  
     *melanura*, *Fab.*  
     *fuscicornis*, *Oliv.*  
     *pallida*, *Fab.*  
*Malthinus flaveolus*, *Pk.*  
     *fasciatus*, *Oliv.*  
     *biguttatus*, *L.*  
     *fulvicollis*, *Kirby.*  
*Malachius æneus*, *L.*  
     *bipustulatus*, *L.*  
     *fasciatus*, *L.*  
     *bituberculatus*, *Steph.*  
     *rubricollis*, *Marsh.*  
*Dasytes æratus*, *Steph.*  
*Tillus elongatus*, *L.*  
*Clerus alvearius*, *Fab.*  
*Necrobia Quadra*, *Marsh.*  
     *ruficollis*, *Oliv.*  
*Corynetes violaceus*, *L.*  
*Ptinus imperialis*, *L.*  
     *Fur*, *L.*  
     *hololeucus*, *Fab.*  
     *Lichenum*, *Marsh.*  
*Anobium castaneum*, *Fab.*  
     *striatum*, *Oliv.*  
     *tessellatum*, *Fab.*  
*Cis Boleti*, *Fab.*

## RHYNCOPHORA.

*Scolytus Destructor*, *Oliv.*  
*Dendroctonus piniperda*, *L.*

*Hylastes ater*, *Fab.*  
     *angustatus*, *Herbst.*  
     *obscurus*, *Marsh.*  
*Calandra granaria*, *L.*  
*Miarus Linariæ*, *Pz.*  
*Nedius assimilis*, *Pk.*  
     *ovalis*, *L.*  
     *Chrisanthemi*, *Germ.*  
     *Echii*, *Fab.*  
*Ceutorhynchus didymus*, *Pk.*  
     *subrufus*, *Marsh.*  
*Orchestes melanocephalus*,  
     *Oliv.*  
     *Alni*, *L.*  
     *Fagi*, *Fab.*  
*Balaninus Nucum*, *L.*  
     *glandium*, *Marsh.*  
     *turbatus*, *Sch.*  
     *tenuirostris*, *Herbst.*  
*Anthonemus Pomorum*, *L.*  
     *Druparum*, *L.*  
*Hypera punctata*, *Fab.*  
     *Polygoni*, *L.*  
     *Rumicis*, *L.*  
     *sublineata*, *Kirby.*  
     *nigrirostris*, *Fab.*  
*Leisoma ovatula*, *Clairv.*  
*Hylobius Abietis*, *L.*  
*Merionus obscurus*, *Fab.*  
*Leiophlæus nubilus*, *Fab.*  
*Otiorhynchus Ligustici*, *L.*  
     *sulcatus*, *Fab.*  
     *notatus*, *Bons.*  
     *tenebricosus*, *Herbst.*  
     *scabrosus*, *Marsh.*  
     *brunnipes*, *Oliv.*  
     *fissirostris*, *Sch.*  
*Philopodon exaratus*, *Marsh.*  
*Strophosomus Coryli*, *Fab.*  
     *limbatus*, *Marsh.*  
*Sciaphilus muricatus*, *Fab.*  
*Sitona regentsteinensis*,  
     *Herbst.*  
     *hispidula*, *Fab.*  
     *lineata*, *L.*

*Sitona grisea, Fab.*  
*crinita, Oliv.*  
*Polydrusus flavipes, De Geer.*  
*cervinus, L.*  
*Nemoicus oblongus, L.*  
*Phyllobius calcaratus, Fab.*  
*Pyri, L.*  
*argentatus, L.*  
*Mali, Fab.*  
*Pomonæ, Oliv.*  
*Magdalis aterrima, Fab.*  
*Apion Pomonæ, Fab.*  
*subulatum, Fab.*  
*minimum, Herbst.*  
*simile, Kirby.*  
*tenuis, Kirby.*  
*hæmatodes, Kirby.*  
*frumentarium, L.*  
*Radiolus, Marsh.*  
*stolidum, Germ.*  
*æneum, Fab.*  
*pallipes, Kirby.*  
*piciporne, Wal.*  
*Loti, Kirby.*  
*atomarium, Kirby.*  
*civicum, Germ.*  
*scutellare, Kirby.*  
*flavipes, Herbst.*  
*assimile, Kirby.*  
*Fagi, L.*  
*difforme, Germ.*  
*Ononis, Kirby.*  
*Waltoni, Steph.*  
*Pisi, Fab.*  
*Hedysari, Wal.*  
*Oxystoma fuscicollis, Fab.*  
*Ulicis, Forst.*  
*Genistæ, Kirby.*  
*Deporaus Betulæ, L.*  
*Rhynchites Alliarum, L.*  
*minutus, Herbst.*  
*æquatus, L.*  
*Attelabus curculionoides, L.*  
*Apoderus Avellanæ, L.*  
*Bruchus villosus, Fab.*

*Bruchus Cisti, Fab.*

### LONGICORNES.

*Prionus coriarius, L.*  
*Pogonocherus hispidus, L.*  
*Leipus nebulosus, L.*  
*Tetrops præusta, L.*  
*Callidium violaceum, L.*  
*Gracilia minuta, Fab.*  
*Clytus mysticus, L.*  
*Arietis, L.*  
*Rhagium Inquisitor, L.*  
*bifasciatum, Fab.*  
*Toxotus meridianus, L.*  
*Strangalia elongata, De Geer.*  
*Leptura melanura, L.*  
*nigra, L.*  
*Grammoptera lævis, Fab.*  
*ruficornis, Fab.*  
*Pachyta livida, Fab.*

### EUPODA.

*Donacia crassipes, Fab.*  
*cincta, Germ.*  
*Lemnæ, Fab.*  
*Sagittariæ, Fab.*  
*obscura, Gyll.*  
*impressa, Gyll.*  
*Proteus, Kunze.*  
*Menyanthidis, Fab.*  
*simplex, Fab.*  
*linearis, Hoppe.*  
*Typhæ, Brahm.*  
*Hydrochæridis, Fab.*  
*Crioceris puncticollis, Spence.*  
*cyanella, L.*  
*melanopa, L.*  
*Asparagi, L.*  
*Zeugophora subspinosa, Fab.*

### CYCLICA.

*Cassida equestris, Fab.*

*Cassida rubiginosa*, *Ill.*  
*obsoleta*, *Ill.*  
*Adimonia halensis*, *L.*  
*Galeruca Tanacetii*, *L.*  
*capreæ*, *L.*  
*Viburni*, *Pk.*  
*Cratægi*, *Forst.*  
*Nymphææ*, *L.*  
*tenella*, *L.*  
*Luperus rufipes*, *Fab.*  
*flavipes*, *L.*  
*Haltica antennata*, *Oliv.*  
*Nemorum*, *L.*  
*vittata*, *Ste.*  
*herbigradus*, *Cur.*  
*fuscicornis*, *L.*  
*Rubi*, *Fab.*  
*fuscipes*, *Pz.*  
*ferruginea*, *Sch.*  
*flava*, *L.*  
*rufipes*, *L.*  
*Helxines*, *L.*  
*Oleracea*, *L.*  
*Eruca*, *Fab.*  
*Thyamis tabida*, *Fab.*  
*lurida*, *Gyll.*  
*Macrocnema Napi*, *Gyll.*  
*Dulcamaræ*, *Ste.*  
*Cardiapus Mathewsii*, *Cur.*  
*Sphæroderma testacea*, *Fab.*  
*cardui*, *Kirby.*  
*Mercurialis*, *Helwig.*  
*Cryptocephalus 6-punctatus*,  
*Fab.*  
*sericeus*, *L.*  
*similis*, *Leach.*  
*Lineola*, *Fab.*  
*Moræi*, *L.*  
*labiatus*, *L.*  
*bilineatus*, *L.*  
*minutus*, *Fab.*  
*Timarcha lævigata*, *L.*  
*coriaria*, *Fab.*  
*Chrysomela goettingensis*, *L.*  
*varians*, *Fab.*

*Chrysomela polita*, *L.*  
*staphylæa*, *L.*  
*lamina*, *Fab.*  
*marginata*, *L.*  
*Hyperici*, *Forst.*  
*Litura*, *Fab.*  
*pallida*, *L.*  
*Helodes Phellandrii*, *L.*  
*Phædon marginella*, *L.*  
*aucta*, *Fab.*  
*Vitellinæ*, *L.*  
*Polygoni*, *L.*  
*Raphani*, *Fab.*  
*Betulæ*, *L.*  
*tumidula*, *Kirby.*

## PSEUDOTRIMERA.

*Chilocorus 4-verrucatus*, *Fab.*  
*Coccinella 14-guttata*, *L.*  
*7-punctata*, *L.*  
*22-punctata*, *L.*  
*variabilis*, *Ill.*  
*conglomerata*, *Fab.*  
*dispar*, *Ill.*  
*11-punctata*, *L.*  
*hieroglyphica*, *L.*  
*18-guttata*, *L.*  
*M. nigrum*, *Fab.*  
*Rhyzobius Litura*, *Fab.*  
*Cacicula pectoralis*, *Fab.*

## HETEROMERA.

*Tenebrio molitor*, *L.*  
*Blaps mortisaga*, *L.*  
*Helops striatus*, *Oliv.*  
*Cistela castanea*, *Marsh.*  
*fulvipes*, *Fab.*  
*murina*, *L.*  
*fusca*, *Marsh.*  
*Lagria hirta*, *L.*  
*Orchesia micans*, *Ill.*  
*Anaspis frontalis*, *L.*  
*ruficollis*, *Oliv.*

*Anaspis melanopa*, *Forst.*  
*Mordella aculeata*, *L.*  
*Proscarabæus violaceus*,  
*Marsh.*  
*vulgaris*, *Steph.*  
*Ischnomera cærulea*, *L.*  
*lurida*, *Marsh.*  
*Cedemera cærulea*, *L.*

*Oncomera femorata*, *Fab.*  
*Salpingus planirostris*, *Fab.*  
*Sphæriestes immaculatus*,  
*Steph.*  
*Pyrochroa rubens*, *Fab.*  
*Notoxus monocerus*, *L.*  
*Anthicus fuscus*, *Marsh.*  
*Scydmaenus tarsatus*, *Kunze.*

## BRACHELYTRA.

The names adopted in this list (where not otherwise specified) are from Erichson's "*Genera et Species Staphylinarum*."

*Pselaphus Heisii*, *Herbst.*  
*Bryaxis fossulatus*, *Leach.*  
*Bythenus Curtisii*, *Leach.*  
*Claviger foveolus*, *Germ.*  
*Myrmedonia canaliculata*  
*limbata*  
*humeralis*  
*funesta*  
*Haworthii*, *Steph.*  
*Autalia impressa*  
*rivularis*  
*Ocalea castanea*  
*Calodera nigricollis*  
*forticornis*  
*Homalota circellaris*  
*lividipennis*  
*fungi*  
*analis*  
*brunnea*  
*socialis*, var. *c.* *Er.*  
*socialis*, var. *b.* *Er.*  
*longicornis*  
*cauta*  
*gregaria*  
*vernacula*  
*atramentaria*  
*Oxypoda luteipennis*  
*longiuscula*  
*alternans*  
*cuniculina*  
*ruficollis*

*Aleochara fuscipes*  
*lanuginosa*  
*bipunctata*  
*nitida*  
*prætexta*  
*mœsta*  
*Gyrophæna nana*  
*congrua*  
*affinis*  
*Lomechusa emarginata*  
*Hypocyrtus longicornis*  
*Conurus pubescens*  
*Tachyporus chrysomelinus*  
*abdominalis*  
*hypnorum*  
*obtusus*  
*brunneus*  
*pusillus*  
*ruficollis*  
*Tachinus subterraneus*  
*humeralis*  
*rufipes*  
*silphoides*  
*marginellus*  
*Boletobius atricapillus*  
*cingulatus*  
*pygmæus*  
*exoletus*  
*inclinans*  
*trinotatus*  
*analis*



<b>Mycetoporus splendens</b>	<b>Quedius molochinus</b>
lepidus	frontalis
pronus	fuliginosus
splendidus	picipes
<b>Othius fulvipennis</b>	attenuatus
melanocephalus	boops
punctipennis	rufipes
<b>Xantholinus fulgidus</b>	<b>Oxyporus rufus</b>
glabratus	<b>Lathrobium brunnipes</b>
punctulatus	elongatum
linearis	fulvipenne
<b>Staphylinus maxillosus</b>	multipunctatum
cæsareus	longulum
stercorarius	<b>Lithocharis fuscula</b>
latebricola	ochracea
<b>Ocypus olens</b>	melanocephala
similis	<b>Stilicus subtilis</b>
brunnipes	affinis
cupreus	<b>Sunius angustatus</b>
morio	<b>Pæderus littoralis</b>
compressus	<b>Stenus bipunctatus</b>
<b>Philonthus intermedius</b>	bimaculatus
laminatus	Juno
carbonarius	asphaltinus
æneus	melanopus, <i>Marsh.</i>
lucens	speculator
politus	declaratus
marginatus	unicolor
varius	subimpressus
albipes	rusticus
cephalotes	subæneus
fimetarius	impressus
sordidus	fuscicornis
ebeninus	filum
corruscus	oculatus
sanguinolentus	<b>Evæsthetus scaber</b>
bipustulatus	<b>Platystethus morsitans</b>
varians	nodifrons
ventralis	<b>Oxytelus rugosus</b>
discoideus	sculptus
aterrimus	sculpturatus
parumpunctatus	inustus
procerulus	luteipennis
<b>Quedius fulgidus</b>	nitidulus
impressus	depressus

Phlœonæus cælatus	Omalium concinnum
Trogophlæus bilineatus	Anthobium minutum
Coprophilus striatulus	ophthalmicum
Lesteva bicolor	scutellare
Arpedium humile	Proteinus brachypterus
Olophrum piceum	brevicollis
Lathrimæum unicolor, <i>Marsh.</i>	Megarthus hemipterus
Omalium rivulare	sinuaticollis
florale	depressus
salicis	

## LEPIDOPTERA.

## RHOPALOCERA.

— Pieris Cratægi	Argynnis Lathonia
Brassicæ	Euphrosyne
Rapæ	Selene
Napi	Melitæa Artemis
Anthocharis Cardamines	Athalia
Leucophasia Sinapis	Vanessa Cardui
— Gonepteryx Rhamni	Atalanta
Colias Edusa	Io
Hyle	Antiopa
Thecla Betulæ	Urticæ
Pruni	Polychloros
W-album	Apatura Iris
Quercus	Arge Galathea
Rubi	Satyrus Semele
Chrysophanus Phlæas	Janira
Polyommatus Argiolus	Tithonus
Alsus	Megæra
Ægon	Ægeria
Alexis	Hyperanthus
Adonis	Pamphilus
Corydon	Steropes Paniscus
Agestis	Pamphila Linea
Nemeobius Lucina	Sylvanus
Argynnis Paphia	Comma
Aglaiæ	Syrictus Alveolus
Adippe	Thanaos Tages

## HETEROCERA.

## SPHINGES.

*Trochilium Tipuliformis*  
*Myopæformis*  
*Vespiformis*  
*Ichneumoniformis*  
*Ægeria Apiformis*  
*Bembiciformis*  
*Sesia Bombyliiformis*  
*Fuciformis*  
*Macroglossa stellatarum*  
*Choerocampa Porcellus*  
*Elpenor*  
*Celerio*  
*Deilephila Galii*  
*Lineata*  
*Sphinx Convolvuli*  
*Ligustri*  
*Acherontia Atropos*  
*Smerinthus Tiliæ*  
*ocellatus*  
*Populi*  
*Anthrocera Trifolii*  
*Filipendulæ*  
*Procris Statices*

## BOMBYCES.

*Euchelia Jacobææ*  
*Lithosia rubricollis*  
*quadra*  
*griseola*  
*stramineola*  
*complana*  
*complanula*  
*helveola*  
*aureola*  
*miniata*  
*mesomella*  
*Setina irrorella*  
*Nudaria mundana*  
*Callimorpha Dominula*

*Euthemonia russula*  
*Plantaginis*  
*Arctia Villica*  
*Caja*  
*Phragmatobia fuliginosa*  
*lubricipeda*  
*Menthastri*  
*mendica*  
*Liparis monacha*  
*dispar*  
*Salicis*  
*auriflua*  
*chrysorrhæa*  
*Orgyia pudibunda*  
*fascelina*  
*Coryli*  
*antiqua*  
*Clisiocampa neuustria*  
*castrensis*  
*Eriogaster lanestris*  
*Trichiura Cratægi*  
*Pœcilocampa Populi*  
*Lasiocampa Rubi*  
*Quercus*  
*Odonestis potatoria*  
*Gastropacha quercifolia*  
*Saturnia Carpini*  
*Cossus ligniperda*  
*Zeuzera Æsculi*  
*Hepialus Humuli*  
*velleda*  
*sylvinus*  
*lupulinus*  
*hectus*  
*Cilix spinula*  
*Platypteryx lacertula*  
*sicula*  
*falcula*  
*unguicula*  
*Cerura furcula*  
*bifida*  
*Vinula*

*Stauropus Fagi*  
*Petasia Cassinea*  
*Ptilodontis palpina*  
*Notodonta camolina*  
     *dictæa*  
     *dictæoides*  
     *Dromedarius*  
     *Ziczac*  
     *trepida*  
     *chaonia*  
     *dodonæa*  
*Ptilophora plumigera*  
*Diloba cæruleocephala*  
*Pygæra bucephala*  
*Clostera curta*  
     *reclusa*  
*Fumea nitidella*

## NOCTUÆ.

*Semaphora Psi*  
     *tridens*  
*Apatela leporina*  
*Acronycta Alni*  
     *megacephala*  
     *Aceris*  
     *Rumicis*  
     *Ligustri*  
*Ceropacha ridens*  
     *flavicornis*  
     *diluta*  
     *fluctuosa*  
     *duplaris*  
*Cymatophora viminalis*  
     *Oo*  
*Bryophila glandifera*  
     *perla*  
*Caradrina Morpheus*  
     *cubicularis*  
     *blanda*  
*Grammesia trilinea*  
*Leucania turca*  
     *lithargyria*  
     *conigera*  
     *comma*

*Leucania obsoleta*  
     *impura*  
     *pallens*  
*Nonagria extrema*  
*Gortyna flavago*  
*Hydræcia leucostigma*  
     *micacea*  
     *nictitans*  
*Miana literosa*  
     *furuncula*  
     *fasciuncula*  
     *strigilis*  
*Apamea didyma*  
     *unanimis*  
     *gemina*  
*Luperina testacea*  
     *basilinea*  
     *infesta*  
     *furva*  
*Xylophasia scolopacina*  
     *hepatica*  
     *rurea*  
     *lithoxylea*  
     *sublustris*  
     *polyodon*  
*Triphæna pronuba*  
     *Orbona*  
     *fimbria*  
     *Janthina*  
     *interjecta*  
*Cerigo Cytherea*  
*Segetia xanthographa*  
*Rusina tenebrosa*  
*Noctua leucographa*  
     *umbrosa*  
     *bella*  
     *Baja*  
     *festiva*  
     *brunnea*  
     *triangulum*  
     *C-nigrum*  
     *Hebraica*  
*Chersotis plecta*  
     *porphyrea*  
     *Haworthi*

Spælotis Augur  
     ravida  
     pyrophila  
 Agrotis saucia  
     suffusa  
     segetum  
     corticea  
     exclamationis  
     fumosa  
     Tritici  
     aquilina  
     puta  
     putris  
 Neuria Saponariæ  
 Cerapteryx Graminis  
 Heliophobus popularis  
 Trachea piniperda  
 Tæniocampa gothica  
     rubricosa  
     instabilis  
     stabilis  
     munda  
     gracilis  
     miniosa  
     cruda  
 Orthosia neglecta  
     Ypsilon  
     lota  
     macilenta  
     congener  
 Anthocelis lunosa  
     litura  
     pistacina  
 Scoliopteryx libatrix  
 Tethea subtusa  
 Cosmia diffinis  
     affinis  
 Euperia trapezina  
     fulvago  
 Xanthia ferruginea  
     rufina  
     gilvago  
     aurago  
     silago  
     Cerago

Xanthia citrargo  
 Xantholeuca  
     croceago  
 Glæa spadicea  
     Vaccinii  
 Scopelosoma satellitia  
 Dasycampa rubiginea  
 Miselia Oxyacanthæ.  
 Chariptera aprilina  
 Dianthæcia albimacula  
     conspersa  
     capsincola  
     cucubali  
     carpophaga  
 Polia serena  
     Chi  
     flavicincta  
 Hadenæ Æthiops  
     Persicariæ  
     Brassicæ  
     adusta  
     suasa  
     oleracea  
     Pisi  
     thalassina  
     Genistæ  
     contigua  
     Atriplicis  
     dentina  
     glauca  
     protea  
     Chenopodii  
 Aplecta tincta  
     advena  
     nebulosa  
     herbida  
 Phlogophora meticulosa  
 Euplexia lucipara  
 Thyatira Batis  
     derasa  
 Xylina rhizolitha  
     petrificata  
     semibrunnea  
 Calocampa vetusta  
     exoleta

Cucullia Verbasci  
     Scrophulariæ  
     Lychnitis  
     umbratica  
 Dypterygia Pinastræ  
 Xylocampa lithoriza  
 Heliolithis marginata  
     armigera  
 Anarta Myrtilli  
 --- Heliodes heliaca  
 Plusia interrogationis  
     Gamma  
     Iota  
     Festucæ  
     chrysitis  
 Abrostola Urticæ  
     triplasia  
 Nænia typica  
 Mania maura  
 Philopyra pyramidea  
     Tragopoginis  
 Toxocampa pastinum  
 Catocala nupta  
     promissa  
     sponsa  
 Brephos Parthenias  
 --- Euclidia Mi  
 ---     glyphica  
     Erastria fuscula  
 --- Phytometra ænea

## PYRALES.

Pyrausta cingulalis  
     anguinalis  
     purpurealis  
     ostrinalis  
     punicealis  
     cespitalis  
 Pyralis farinalis  
     glaucoinalis  
     fimbrialis  
 Aglossa pingualis  
     cupræalis  
 Cledeobia angustalis

Hydrocampa lemnaalis  
     stratiotalis  
     nymphæalis  
     potomogalis  
 Asopia flammealis  
 Ebulea sambucalis  
     verbascalis  
     crocealis  
 Scopula prunalis  
     olivalis  
     ferrugalis  
 Rivula sericealis  
 Pionea forficatalis  
     margaritalis  
     stramentalis  
 Spilodes sticticalis  
     cinctalis  
 Botys fuscalis  
     terrealis  
     hyalinalis  
     urticalis  
     verticalis  
 Stenopteryx hybridalis  
 Polypogon barbalis  
     tarsicrinalis  
     grisealis  
 Hypena crassalis  
     rostralis  
     proboscidalis  
 Hypenodes albistrigalis  
     costæstrigalis  
 Nola cucullalis  
     strigulalis

## GEOMETRÆ.

Geometra papilionaria  
 Phorodesma bajularia  
 Hemitea cythisaria  
 Chlorochroma vernaria  
     æruginaris  
     æstivaria  
 Metrocampa margaritaria  
 Ellopiæ fasciaria  
 Ourapteryx sambucaria

Rumia cratægaria  
 Pericallia syringaria  
 Eurymene dolobraria  
 Epione apiciaria  
     parallelaria  
     advenaria  
 Ennomos illunaria  
     lunaria  
     illustraria  
     angularia  
     erosaria  
     tiliaria  
 Odontopera bidentaria  
 Crocallis elinguararia  
 Himera pennaria  
 Angerona prunaria  
 Mæsia favillaccaria  
 Aventia flexularia  
 Macaria notataria  
     alternaria  
     lituraria  
 Halia Wavaria  
 Aspilates citraria  
     gilvaria  
 Numeria pulveraria  
 — Fidonia atomaria  
     piniaria  
 Anisopteryx Æscularia  
 Hibernia leucophæaria  
     rupicaprararia  
     progemmatararia  
     aurantiararia  
     defoliaria  
 Phigalia pilosaria  
 Nyssia hispidaria  
 Biston hirtaria  
     prodromaria  
     betularia  
 Boarmia repandaria  
     consortaria  
     roboraria  
     abietaria  
     rhomboidaria  
     cinctaria  
 Hemerophila abruptaria

Cleora lichenaria  
 Tephrosia crepuscularia  
     laricaria  
     extersaria  
     punctularia  
 Gnophos pullaria  
 Phasiane plumbaria  
 Lozogramma petrararia  
 Anaitis plagiaria  
 Eubolia cervinaria  
     mensuraria  
     multistrigaria  
 Eusebia bipunctaria  
 Coremia didymaria  
     salicaria  
     ferrugaria  
     unidentaria  
     ligustraria  
     olivaria  
     pectinitaria  
     montanaria  
     fluctuaria  
     propugnaria  
 Thera firmaria  
     simularia  
     variaria  
     juniperaria  
 Anticlea sinuaria  
     derivaria  
     badiaria  
     rubidaria  
 Steganolophia ribesiararia  
 Harpalyce suffumaria  
     silacearia  
     ruptaria  
     picaria  
     ocellaria  
     galiaria  
     fulvaria  
     chenopodiaria  
     marmoraria  
     pyraliaria  
     achatinaria  
     russaria  
     immanaria

Ypsipetes elutaria  
     impluviaria  
 Phæsyle psittacaria  
     miaria  
 Cheimatobia dilutaria  
     autumnaria  
     brumaria  
 Lobophora lobularia  
     hexapteraria  
 Acasis viretaria  
 Triphosa dubitaria  
     certaria  
 Scotosia rhamnaria  
     vetularia  
 Phibalapteryx tersaria  
     vitalbaria  
     polygrammaria  
 Eucosmia undularia  
 Camptogramma bilinearia  
 Venilia macularia  
 Melanippe hastaria  
     alchemillaria  
 Emmelesia decoloraria  
     bifasciaria  
 Zerene adustaria  
     albicillaria  
     procellaria  
     rubiginaria  
 Abraxas grossularia  
     ulmaria  
 Bapta taminaria  
     temeraria  
 Cabera pusaria  
     rotundaria  
     exanthemaria  
     strigillaria  
 Ephyra trilinearia  
     punctaria  
     poraria  
     pendularia  
     orbicularia  
     omicronaria  
 Eupithecia linaria  
     pulchellaria  
     rectangularia

Eupithecia coronaria  
     minutaria  
     elongaria  
     sobrinaria  
     nanaria  
     exiguaria  
     abbreviaria  
     castigaria  
     austeraria  
     piperaria  
     centaurearia  
     succenturaria  
     subfulvaria  
     venosaria  
     togaria  
     subnotaria  
     rufifasciaria  
     subumbraria  
     pusillaria  
 Dosithea virgularia  
     scutularia  
     reversaria  
     ornataria  
 Acidalia ossearia  
     lutearia  
     candidaria  
     sylvaria  
     subsericearia  
     remutaria  
     aversaria  
     inornaria  
 Poecilophasia marginaria  
 Timandra prataria  
     emutaria  
     imitaria  
 Ania emarginaria  
 Bradyepetes amataria  
 Strenia clathraria  
 Hyria aurovaria  
 Pachynemia hippocastanaria  
 Chesias spartiaria  
     obliquaria  
 Odezia chærophyllaria  
 Minoa euphorbiaria



## TORTRICES.

*Halias prasinana*  
*quercana*  
*Sarothrips Rewayana*  
*Tortrix pyrastrana*  
*Xylosteana*  
*cratægana*  
*sorbiana*  
*rosana*  
*cinnamomeana*  
*heparana*  
*ribeana*  
*corylana*  
*unifasciana*  
*semialbana*  
*spectrana*  
*viburnana*  
*viridana*  
*ministrana*  
*adjunctana*  
*Dichelia grotiana*  
*Leptogramma literana*  
*Peronea favillaceana*  
*rufana*  
*Schalleriana*  
*comparana*  
*Abildgaardana*  
*cristana*  
*Hastiana*  
*umbrana*  
*ferrugana*  
*tristana*  
*aspersana*  
*Teras effractana*  
*Dictyopteryx contaminana*  
*Loeflingiana*  
*Holmiana*  
*Bergmanniana*  
*Forskaleana*  
*Argyrotoza Conwayana*  
*Ptycholoma Lecheana*  
*Penthina Betuletana*  
*pruniana*  
*Cynosbana*

*Penthina sauciana*  
*gentianana*  
*sellana*  
*marginana*  
*Antithesia salicana*  
*Spilonota ocellana*  
*pauperana*  
*dealbana*  
*amænana*  
*roborana*  
*Pardia tripunctana*  
*Notocelia Udmanniana*  
*Sericoris conchana*  
*herbana*  
*lacunana*  
*urticana*  
*micana*  
*decrepitana*  
*Mixodia Ratzburghiana*  
*Orthotænia striana*  
*Eriopsela fractifasciana*  
*Phtheocroa rugosana*  
*Cnephasia musculana*  
*Sciaphila nubilana*  
*subjectana*  
*virgaureana*  
*passivana*  
*Stephensiana*  
*hybridana*  
*Clepsis rusticana*  
*Bactra lanceolana*  
*Phoxopteryx uncana*  
*comptana*  
*Lundana*  
*derasana*  
*Mitterbacheriana*  
*ramana*  
*Grapholita Paykulliana*  
*nisana*  
*campoliliana*  
*trimaculana*  
*Penkleriana*  
*nævana*  
*Phlæodes frutetana*  
*Hypermercia augustana*

Batodes augustiorana  
 Poedisca bilunana  
     corticana  
     occultana  
     Solandriana  
 Ephippiphora cirsiana  
     scutulana  
     foeneana  
     trigeminana  
     tetragonana  
 Olindia Ulmana  
 Semasia janthinana  
     ruffilana  
     Woeberiana  
 Coccyx splendidulana  
     argyrana  
     nanana  
 Carpocapsa grossana  
     pomonana  
 Endopisa nebritana  
     pisana  
 Stigmonota redimitana  
     Trauniana  
     Germanana  
     Weirana  
 Dicrorampha Petiverana  
     saturnana  
     consortana  
     caliginosana  
 Pyrodes Rheediana  
 Catoptria hypericana  
     carduana  
     Hohenwarthiana  
     cecimaculana  
     Westwoodiana  
 Trycheris mediana  
 Simaethis Fabriciana  
     pariana  
 Lobesia reliquana  
 Eupoecilia nana  
     dubitana  
     maculosana  
     sodaliana  
     angustana  
     flaviliana

Eupoecilia roseana  
     subroseana  
     ruficiliana  
 Xanthosetia Zoegana  
     hamana  
 Chrosis tesseraana  
     rutilana  
 Argyrolepis Baumanniana  
     Dubrisana  
     Schreibersiana  
     æneana  
 Cochylis Francillana  
     Smeathmanniana  
     stramineana  
 Aphelia pratana  
 Tortricodes hyemana

## EXAPATIDÆ.

Chimabacche Phryganella,  
     Hüb.  
 Fagella, W. V.

## TINEIDÆ.

Talæporia pseudo-bombycella,  
     Hüb.  
 Diplomoda marginepunctella,  
     Step.  
 Tinea imella, Hüb.  
     rusticella, Hüb.  
     tapetzella, Lin.  
     Granella, Lin.  
     cloacella, Haw.  
     fuscipunctella, Haw.  
     pellionella, Lin.  
     flavescentella, Haw.  
     Lapella, Hüb.  
     biselliella, Hümmel.  
     simplicella, H-S.  
     semifulvella, Haw.  
 Lampronia quadripunctella,  
     Fab.  
     Luzella, Hüb.  
     Rubiella, Bjerk.  
 Incurvaria muscalella, Fab.

*Incurvaria capitella*, *Lin.*  
*Micropteryx Calthella*, *Lin.*  
*Aruncella*, *Scop.*  
*Nemophora Swammerdam-*  
*mella*, *Lin.*  
*Schwarziella*, *Zell.*  
*Metaxella*, *Hüb.*  
*Adela Fibulella*, *W. V.*  
*rufimitrella*, *Scop.*  
*Sulzella*, *W. V.*  
*Degeerella*, *Lin.*  
*viridella*, *Scop.*  
*cuprella*, *Fab.*  
*Nemotois Scabiosellus*, *Scop.*  
*cupriacellus*, *Hüb.*  
*fasciellus*, *Fab.*  
*minimellus*, *Mann.*

## HYPONOMEUTIDÆ.

*Swammerdamia apicella*, *Don.*  
*casiella*, *Hüb.*  
*Pyrella*, *Vill.*  
*Hyponomeuta Padellus*, *Lin.*  
*Evonymellus*, *Scop.*  
*Padi*, *Zell.*  
*Prays Curtisellus*, *Don.*

## PLUTELLIDÆ.

*Eidophasia Messingiella*, *F.*  
*v. R.*  
*Plutella Cruciferarum*, *Zell.*  
*porrectella*, *Lin.*  
*Cerostoma sequella*, *Cl.*  
*vittella*, *Lin.*  
*radiatella*, *Don.*  
*costella*, *Fab.*  
*sylvella*, *Lin.*  
*Theristis caudella*, *Lin.*

## GELECHIDÆ.

*Enicostoma lobella*, *W. V.*  
*Phibalocera Quercana*, *Fab.*

*Depressaria costosa*, *Haw.*  
*liturella*, *W. V.*  
*Umbellana*, *Step.*  
*assimilella*, *Treit.*  
*nanatella*, *Sta.*  
*atomella*, *W. V.*  
*arenella*, *W. V.*  
*propinquella*, *Treit.*  
*subpropinquella*, *Sta.*  
*Alstroemeriana*, *Cl.*  
*purpurea*, *Haw.*  
*Hypericella*, *Hüb.*  
*ocellana*, *Fab.*  
*applana*, *Fab.*  
*rotundella*, *Dougl.*  
*depressella*, *Hüb.*  
*pulcherrimella*, *Sta.*  
*Douglasella*, *Sta.*  
*Chærophylli*, *Zell.*  
*badiella*, *Hüb.*  
*Pastinacella*, *Dup.*  
*Heraciana*, *De Geer.*  
*Gelechia cinerella*, *Lin.*  
*inornatella*, *Dougl.*  
*Malvella*, *Hüb.*  
*Populella*, *Lin.*  
*terrella*, *W. V.*  
*acuminatella*, *Sircom.*  
*Artemisiella*, *Tischer.*  
*senectella*, *F.v.R.*  
*affinis*, *Haw.*  
*basaltinella*, *Zell.*  
*domestica*, *Haw.*  
*proximella*, *Hüb.*  
*notatella*, *Hüb.*  
*vulgella*, *Hüb.*  
*sequax*, *Haw.*  
*dodecella*, *Lin.*  
*tenebrella*, *Hüb.*  
*ligulella*, *Zell.*  
*tæniolella*, *Treit.*  
*Coronillella*, *Tischer.*  
*Anthyllidella*, *Hüb.*  
*bifractella*, *Mann.*  
*subocellea*, *Step.*

*Parasia Metzneriella, Dougl.*  
*Carlinella, Dougl.*  
*neuropterella, F.v.R.*  
*Ypsolophus marginellus, Fab.*  
*Sophronia parenthesella, Lin.*  
*Pleurota bicostella, Lin.*  
*Harpella Geoffrella, Lin.*  
*Dasycera sulphurella, Fah.*  
*Cecophora lunaris, Haw.*  
*Panzerella, Step.*  
*tinctella, Treit.*  
*flavifrontella, Hüb.*  
*fuscescens, Haw.*  
*Endrosia fenestrella, Scop.*  
*Butalis fusco-ænea, Haw.*  
*senescens, Sta.*  
*Pancalia Leuwenhoekella, Lin.*

## GLYPHIPTERYGIDÆ.

*Glyphipteryx, fuscoviridella,*  
*Haw.*  
*equitella, Scop.*  
*Fischeriella, Zell.*  
*Æchmia dentella, Zell.*  
*Tinagma sericiellum, Haw.*  
*Douglasia Ocnerostomella,*  
*Sta.*

## ARGYRESTHIDÆ.

*Argyresthia ephippella, Fab.*  
*nitidella, Fab.*  
*semitestacella, Curt.*  
*albistria, Haw.*  
*conjugella, Zell.*  
*mendica, Haw.*  
*retinella, Zell.*  
*abdominalis, Zell.*  
*dilectella, Zell.*  
*curvella, Lin.*  
*Sorbiella, Treit.*  
*Gœdartaella, Lin.*  
*Brockeella, Hüb.*  
*arceuthina, Zell.*

*Argyresthia præcocella, Zell.*  
*aurulentella, Zell.*  
*Cedestis farinatella, Dup.*  
*Ocnerostoma piniariella, Zell.*  
*Zelleria insignipennella, Sta.*

## GRACILARIIDÆ.

*Gracilaria Swederella, Schalen.*  
*stigmatella, Fab.*  
*semifascia, Haw.*  
*elongella, Lin.*  
*tringipennella, Zell.*  
*Syringella, Fab.*  
*auroguttella, Step.*  
*Ononidis, Zell.*  
*Coriscium cuculipennellum,*  
*Hüb.*  
*Ornix Avellanella, Sta.*  
*Anglicella, Sta.*

## COLEOPHORIDÆ.

*Coleophora Fabriciella, Vill.*  
*alcyonipennella, Kollar.*  
*Frischella, Lin.*  
*Lixella, Zell.*  
*conspicuellæ, Mann.*  
*anatipennella, Hüb.*  
*niveicostella, F.v.R.*  
*discordella, Zell.*  
*Onosmella, Brahm.*  
*annulatella, Nylander.*  
*Laricella, Hüb.*  
*albitarsella, Zell.*  
*lutipennella, Zell.*

## ELACHISTIDÆ.

*Batrachedra pinicolella, Zell.*  
*Laverna lacteella, Step.*  
*Staintoni, Sircom.*  
*decurella, Step.*  
*Rhamniella, Zell.*  
*Chrysoclista Linneella, Clerc.*

*Chrysoclista bimaculella*,  
*Haw.*  
*flavicaput*, *Haw.*  
*Chrysocorys festaliella*, *Hüb.*  
*Elachista Pfeifferella*, *Hüb.*  
*Treitschkiella*, *F. v. R.*  
*Gleichenella*, *Fab.*  
*Brunnichella*, *Lin.*  
*apicipunctella*, *Sta.*  
*albifrontella*, *Hüb.*  
*cinereopunctella*, *Haw.*  
*trapeziella*, *Sta.*  
*subnigrella*, *Dougl.*  
*consortella*, *Sta.*  
*Bedellella*, *Sircom.*  
*gangabella*, *F. v. R.*  
*Megeriella*, *Sta.*  
*biatomella*, *Sta.*  
*triatomea*, *Haw.*  
*collitella*, *F. v. R.*  
*pollinariella*, *Zell.*  
*rufocinerea*, *Haw.*  
*cygnipennella*, *Hüb.*

## LITHOCOLLETIDÆ.

*Lithocolletis Lantanella*, *Schr.*  
*pomifoliella*, *Zell.*  
*Coryli*, v. *Nicelli.*  
*Faginella*, *Mann.*  
*ulmifoliella*, *Hüb.*

*Lithocolletis quercifoliella*, *F.*  
v. *K.*  
*Messaniella*, *Zell.*  
*corylifoliella*, *Haw.*  
*alnifoliella*, *Hüb.*  
*Cramerella*, *Fab.*  
*Scabiosella*, *Dougl.*  
*comparella*, *F. v. R.*

## LYONETIDÆ.

*Lyonetia Clerckella*, *Lin.*  
*Phyllocnistis suffusella*, *Zell.*  
*Cemiosoma Laburnella*, v.  
*Heyd.*  
*Opostega salaciella*, *Treit.*  
*auritella*, *Hüb.*  
*Bucculatrix aurimaculella*,  
*Sta.*  
*Frangutella*, *Goëze.*

## NEPTICULIDÆ.

*Nepticula anomalella*, *Goëze.*  
*Catharticella*, *Sta.*  
*Headleyella*, *Sta.*  
*trimaculella*, *Haw.*  
*floslactella*, *Haw.*  
*microtheriella*, *Wing.*  
*Tityrella*, *Dougl.*  
*marginicolella*, *Sta.*  
*aurella*, *Fab.*

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